		DEPARTMENT	ATE OF UTAH OF NATURAL RE F OIL, GAS AND				FOR	RM 3
APPLI	CATION FOR	PERMIT TO DRILL	-			1. WELL NAME and Prickly Pe	I NUMBER ear Unit Federal 6-17	D-12-15
2. TYPE OF WORK DRILL NEW WELL (REENTER P8	&A WELL DEEPE	N WELL			3. FIELD OR WILD	CAT NINE MILE CANYON	
4. TYPE OF WELL Gas We	ell Coalh	ped Methane Well: NO				5. UNIT or COMMU	INITIZATION AGRE	EEMENT NAME
6. NAME OF OPERATOR	BILL BARRI					7. OPERATOR PHO		
8. ADDRESS OF OPERATOR		00, Denver, CO, 80202				9. OPERATOR E-M	AIL	com
10. MINERAL LEASE NUMBER	ui street ste 23	11. MINERAL OWNE				12. SURFACE OWN	icer@billbarrettcorp.o IERSHIP	COIII
(FEDERAL, INDIAN, OR STATE) UTU 73668		FEDERAL (🗓 IND	IAN STATE	<u> </u>	FEE 🔵		IDIAN 🔵 STATE	
13. NAME OF SURFACE OWNER (if box 12	= 'fee')					14. SURFACE OWN	IER PHONE (if box	12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee')					16. SURFACE OWN	IER E-MAIL (if box	12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME		18. INTEND TO COM		TION F	ROM	19. SLANT		
(if box 12 = 'INDIAN')			commingling Applica	ation) [NO 📵	VERTICAL DI	RECTIONAL 📵 🕒	HORIZONTAL 🛑
20. LOCATION OF WELL	FO	OOTAGES	QTR-QTR	SI	ECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	502 FN	IL 1472 FWL	NENW		17	12.0 S	15.0 E	S
Top of Uppermost Producing Zone	1151 F	NL 1713 FWL	NENW		17	12.0 S	15.0 E	S
At Total Depth	1983 FN	NL 2021 FWL	SENW		17	12.0 S	15.0 E	S
21. COUNTY CARBON		22. DISTANCE TO N	EAREST LEASE LI 608	NE (Fee	et)	23. NUMBER OF A	CRES IN DRILLING	UNIT
		25. DISTANCE TO NI (Applied For Drilling		SAME P	OOL	26. PROPOSED DE	PTH D: 8000 TVD: 770	0
27. ELEVATION - GROUND LEVEL		28. BOND NUMBER				29. SOURCE OF DE		TE ADDI TCARI E
7418			WYB000040			WATER RIGHTS AT	Nine Mile Creek	II APPLICABLE
		Α٦	TTACHMENTS					
VERIFY THE FOLLOWING	ARE ATTACH	IED IN ACCORDAN	CE WITH THE (ЈТАН О	IL AND (GAS CONSERVAT	ION GENERAL R	ULES
WELL PLAT OR MAP PREPARED BY	LICENSED SUR	RVEYOR OR ENGINEER	R CO	MPLETE	DRILLING	6 PLAN		
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRE	EEMENT (IF FEE SURF	ACE) FOR	RM 5. IF	OPERATO	R IS OTHER THAN 1	THE LEASE OWNER	
DIRECTIONAL SURVEY PLAN (IF DI	RECTIONALLY	OR HORIZONTALLY	№ тог	POGRAP	HICAL MA	МАР		
NAME Elaine Winick		TITLE Sr. Permit Analys	st		PHONE :	303 293-9100		
SIGNATURE		DATE 09/14/2010			EMAIL e	winick@billbarrettcor	p.com	
API NUMBER ASSIGNED 43007500840000		APPROVAL			B	00.64Ill		
					Per	mit Manager		

API Well No: 43007500840000 Received: 9/14/2010

		Proposed Hole, Ca	sing, and Cement		
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)	
Cond	26	16	0	40	
Pipe	Grade	Length	Weight		
	Unknown	40	65.0		

API Well No: 43007500840000 Received: 9/14/2010

	Propo	sed Hole, Casing, ar	nd Cement		_
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)	
Prod	7.875	4.5	0	8000	
Pipe	Grade	Length	Weight		
	Grade P-110 LT&C	8000	11.6		

API Well No: 43007500840000 Received: 9/14/2010

	Proj	oosed Hole, Casing,	and Cement		
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)	
Surf	12.25	9.625	0	1000	
Pipe	Grade	Length	Weight		
	Grade J-55 ST&C	1000	36.0		

APIWellNo:43007500840000'

DRILLING PROGRAM

BILL BARRETT CORPORATION Prickly Pear Unit Federal 6-17D-12-15

NENW, 502' FNL & 1472' FWL Sec 17- T12S-R15E (surface) SENW, 1983' FNL, 2021' FWL, Sec. 17, T12S-R15E (bottom) Carbon County, Utah

1-2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth – MD	Depth - TVD
Green River	Surface	Surface
Wasatch	2929'*	2802'*
North Hom	5030'*	4742'*
Dark Canyon	6807'*	6512'*
Price River	7067'*	6772'*
TD	8000'*	7700'*

PROSPECTIVE PAY: *Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1000'	No pressure control required
1000' – TD	11" 3000# Ram Type BOP
	11" 3000# Annular BOP
- Drilling spool to a	accommodate choke and kill lines;
- Ancillary equipme	ent and choke manifold rated at 3,000#. All BOP and BOPE tests will be in
accordance with the	he requirements of onshore Order No. 2;
- The BLM and the	State of Utah Division of Oil, Gas and Mining will be notified 24 hours in
advance of all BO	OP pressure tests.
- BOP hand wheels	may be underneath the sub-structure of the rig if the drilling rig used is set up
to operate most ef	ficiently in this manner.

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #6-17D-12-15 Carbon County, Utah

4. <u>Casing Program</u>

Hole Size	Setting	Depth	Casing	Casing	Casing	Thread	Condition
	From	<u>To</u>	Size	Weight	Grade		
26"	Surface	40'	16"	65#			
12 ¼"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 3/4" and	Surface	8000'	5 1/2"	17.0#	P-110	LT&C	New
7 7/8"			4 ½"	11.6#	P-110	LT&C	New

Note: BBC will use one of the options of production casing size noted above. In addition, the 7 7/8" hole size will begin at the point the bit is changed.

5. Cementing Program

16" Conductor Casing	Grout cement
9 5/8" Surface Casing	Lead with approximately 170 sx Varicem cement + additives mixed at 12.0 ppg (yield = 2.53 ft ³ /sx).
	Tail with approximately and 190 sx Halcem cement with additives mixed at 15.8 ppg (yield = 1.16 ft ³ /sx) circulated to surface with 100% excess.
5 ½" Production Casing	Lead with approximately 320 sx (4 ½" csg) or 260 sx (5 ½" csg) of Halliburton Light Premium cement with additives
OR	mixed at 12.5 ppg (yield = $1.96 \text{ ft}^3/\text{sx}$).
4 ½" Production Casing	Tail with approximately 1340 sx (4 ½" csg) or 1110 sx (5 ½" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg (yield = 1.45 ft ³ /sk), circulated to ~800' with 15% excess.
Note: Actual volumes to be calcula	ted from caliper log.

6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0 - 40'	8.3 - 8.6	27 – 40	-	Native Spud Mud
40' - 1000'	8.3 – 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' - TD	8.6 – 9.5	38 – 46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation
Drilling Program
Peter's Point Unit Federal #6-17D-12-15
Carbon County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3804 psi* and maximum anticipated surface pressure equals approximately 2110 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = $A - (0.22 \times TD)$

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. Drilling Schedule

Location Construction: May 1, 2011

Spud: June 1, 2011
Duration: 10 days drilling time

30 days completion time

APIWellNo:43007500840000'

Other -Onshore Variances Requested

Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation with comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.



NINE MILE CEMENT VOLUMES

Well Name:

Prickly Pear Unit Federal 6-17D-12-15

Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0,
OD of Hole:	12.250"
OD of Casing:	9.625"

Colculated Data:

ft	203.6	Lead Volume:
	650'	Lead Fill:
ft	109.6	Tail Volume:
120	350'	Tail Fill:

Cement Data:

Lead Yield:	2.53	ft³/sk
Tail Yield:	1.16	ft ³ /sk
% Excess:	100%	

Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail:	190

Production Hole Data:

Total Depth:	8,000'
Top of Cement:	800,
OD of Hole:	8.750"
OD of Casing:	4.500"

Calculated Data:

Lea d Volume:	522.1	ft ³
Lead Fili:	1,700'	
Tail Volume:	1689.2	ft³
Tail Fill:	5,500'	

Cement Data:

Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft ³ /sk
% Excess:	15%	

Calculated # of Sacks:

# SK's Lead:	320
# SK's Tail:	1340

Prickly Pear Unit Federal 6-17D-12-15 Proposed Cementing Program

b Recommendation		Produc	tion Casi
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft ³ /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	92.99	bbl
	Proposed Sacks:	320	sks
Tail Cement - (2500' - 8000')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft ³ /sk
0.75% Halad®-322	Total Mixing Fluid:	6.82	Gal/sk
0.2% FWCA	Top of Fluid:	2,500'	
0.3% Super CBL	Calculated Fill:	5,500'	
0.125 lbm/sk Poly-E-Flake	Volume:	300.84	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1340	ska



Bill Barrett Corporation

NINE MILE CEMENT VOLUMES

Well Name:

Prickly Pear Unit Federal 6-17D-12-15

Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	203.6	ft°
Lead Fill:	650'	
Tail Volume:	109.6	ft°
Tail Fill:	350'	

Cement Data:

Lead Yield:	2.53	ft³/sk
Tail Yield:	1.16	ft ³ /sk
% Excess:	100%	

Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail:	190

Production Hole Data:

Total Depth:	8,000'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	429.4	ft ³
Lead Fill:	1,700'	
Ta il Volume:	1389.3	ft°
Tail Fill:	5,500'	

Cement Data:

Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft³/sk
% Excess:	15%	

Calculated # of Sacks:

# SK's Lead:	260
# SK's Tail:	1110

Prickly Pear Unit Federal 6-17D-12-15 Proposed Cementing Program

Job Recommendation		<u>8u</u>	rface Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft ³ /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	Ο'	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	170	sks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft ³ /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	190	sks

b Recommendation		Produc	tion Casi
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft ³ /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700	
0.2% Econolite	Volume:	76.48	bbl
	Proposed Sacks:	260	sks
Tail Cement - (2500' - 8000')			
50/50 Poz Premium	Fluid Weight:		lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft ³ /sk
0.75% Halad®-322	Total Mixing Fluid:		Gal/sk
0.2% FWCA	Top of Fluid:	2,500	
0.3% Super CBL	Calculated Fill:	5,500'	
0.125 lbm/sk Poly-E-Flake	Volume:	247.42	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1110	sks

APIWellNo:43007500840000

PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
 - 1. One (1) blind ram (above).
 - 2. One (1) pipe ram (below).
 - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
 - 4. 3-inch diameter choke line.
 - 5. Two (2) choke line valves (3-inch minimum).
 - 6. Kill line (2-inch minimum).
 - 7. Two (2) chokes.
 - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
 - 9. Upper kelly cock valve with handles available.
 - 10. Safety valve(s) & subs to fit all drill string connections in use.
 - 11. Pressure gauge on choke manifold.
 - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi
- C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

APIWellNo:43007500840000'

maintained for a period of at least ten (10) minutes or until the requirmentsof the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

APIWellNo:43007500840000'

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Oil & Gas Order Number 2. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

T12S, R15E, S.L.B.&M.1909 Brass Cap 2.3' High, Pile of Stones N89°42'03"W - 2628.74' (Meas.) S89°56'45"W - 2639.52' (Meas.) 1909 Brass Cap 1909 Brass Cap 502, 0.8' High 1.5' High, Pile of Stones 1472 PRICKLY PEAR UNIT FEDERAL #6-17D-12-15 Elev. Ungraded Ground = 7418' 2021 Bottom Hole 92 5296. 1909 Brass Cap

N.00.01,38,1M

LEGEND:

1909 Brass Cap

2.0' High. Pile

of Stones

90° SYMBOL

PROPOSED WELL HEAD.

BILL BARRETT CORPORATION

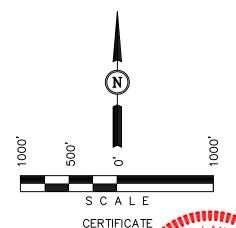
Well location, PRICKLY PEAR UNIT FEDERAL #6-17D-12-15, located as shown in the NE 1/4 NW 1/4 of Section 17, T12S, R15E, S.L.B.&M., Carbon County, Utah.

BASIS OF ELEVATION

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED PROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT BEST OF MY KNOWLEDGE AND BELIEF

> REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF OTAHITE OF UT

REVISED: 06-21-10

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

	,					
		DATE SURVEYED:	DATE DRAWN:			
)	1" = 1000'	09-04-08	10-14-08			
))	PARTY	REFERENCES				
7	D.S. E.D. C.C.	G.L.O. PLAT				
Ó)	WEATHER	FILE				
-	COOL	BILL BARRETT	CORPORATION			

1909 Brass Cap 2.0' High S89°48'52"W - 5227.44' (Meas.) NAD 83 (TARGET BOTTOM HOLE) NAD 83 (SURFACE LOCATION) LATITUDE = 39'46'31.87" (39.775519) LATITUDE = 39'46'46.52" (39.779589) LONGITUDE = 110'15'46.22" (110.262839) LONGITUDE = 110'15'53.28" (110.264800) NAD 27 (TARGET BOTTOM HOLE) NAD 27 (SURFACE LOCATION) LATITUDE = 39'46'32.00" (39.775555) LONGITUDE = 110'15'43.66" (110.262128) LATITUDE = 39°46′46.65" (39.779625) LONGITUDE = 110°15′50.72" (110.264089) STATE PLANE NAD 27 STATE PLANE NAD 27 = SECTION CORNERS LOCATED. N: 527701.94 E: 2347901.76 N: 529176.55 E: 2347330.0

0.8' High

BILL BARRETT CORPORATION
PRICKLY PEAR UNIT FEDERAL #4A-17D-12-15, #4-17D-12-15, #5A-17D-12-15, #12A-17D-12-15, #3A-17D-12-15, #3-17D-12-15, #6-17D-12-15, 6A-17D-12-15 & #7A-17D-12-15

LOCATED IN CARBON COUNTY, UTAH SECTION 17, T12S, R15E, S.L.B.&M.



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



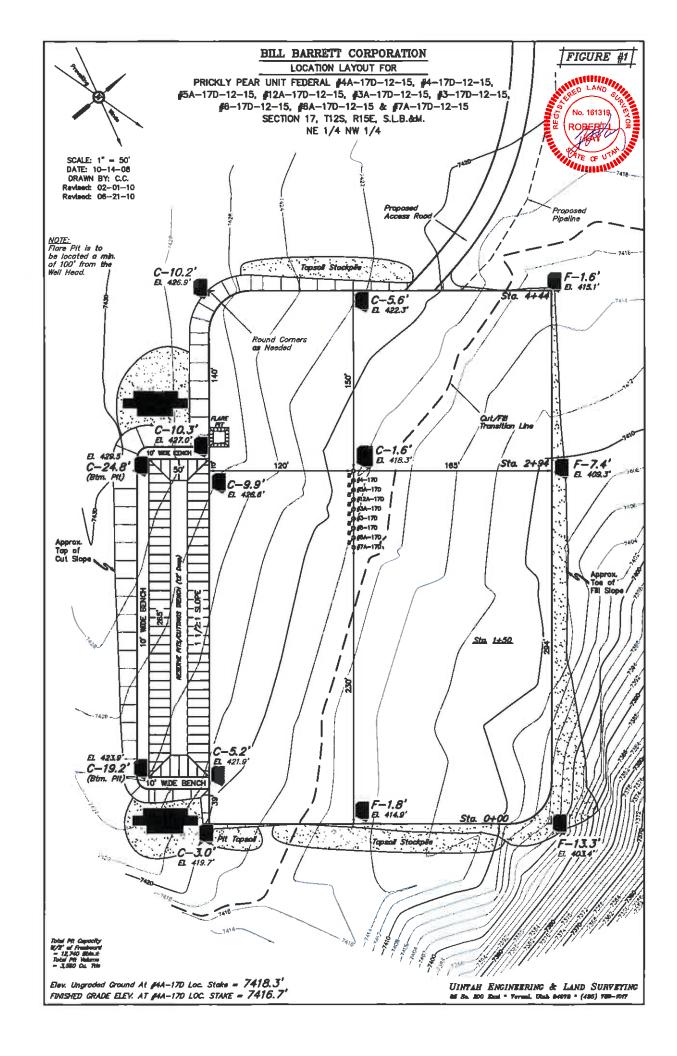
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

MONTH DAY

PHOTO

TAKEN BY: D.S. DRAWN BY: J.H. REV: 06-21-10 C.C



BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR PRICKLY PEAR UNIT FEDERAL #4A-17D-12-15, #4-17D-12-15,

#5A-17D-12-15, #12A-17D-12-15, #3A-17D-12-15, #3-17D-12-15,

#8-17D-12-15, #8A-17D-12-15 & #7A-17D-12-15 SECTION 17, T12S, R15E, S.L.B.&M. NE 1/4 NW 1/4

120'

165'

X—Section Scale

1" = 50'

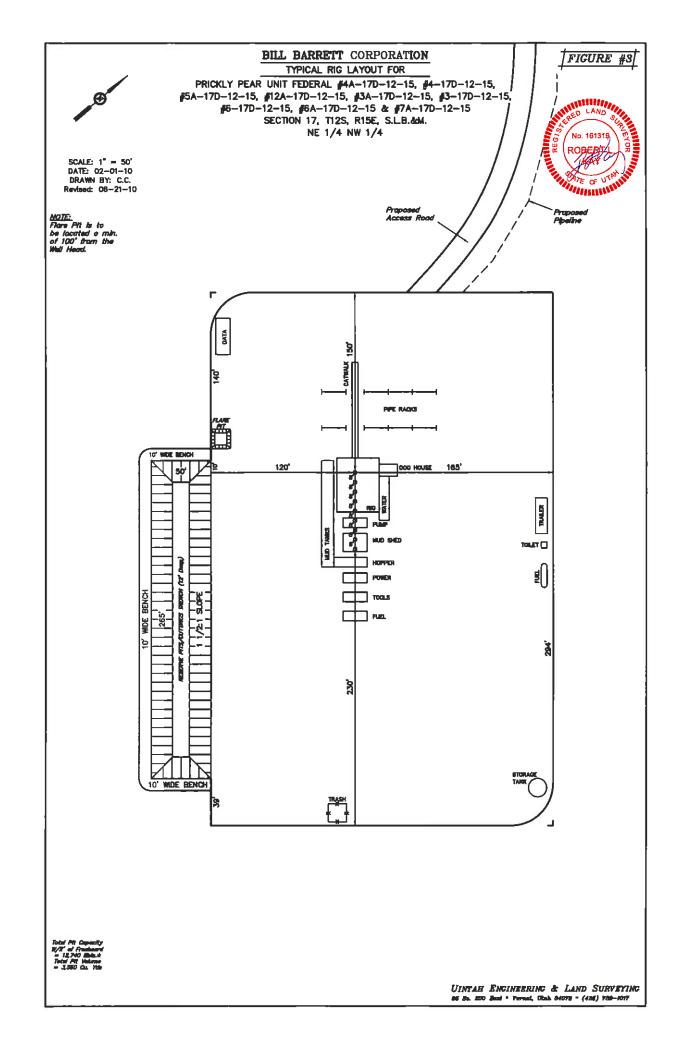
DATE: 10-14-08 DRAWN BY: C.C. Revised: 02-01-10 Revised: 06-21-10

Preconstruction Grade

| FIGURE #2|

O LAND

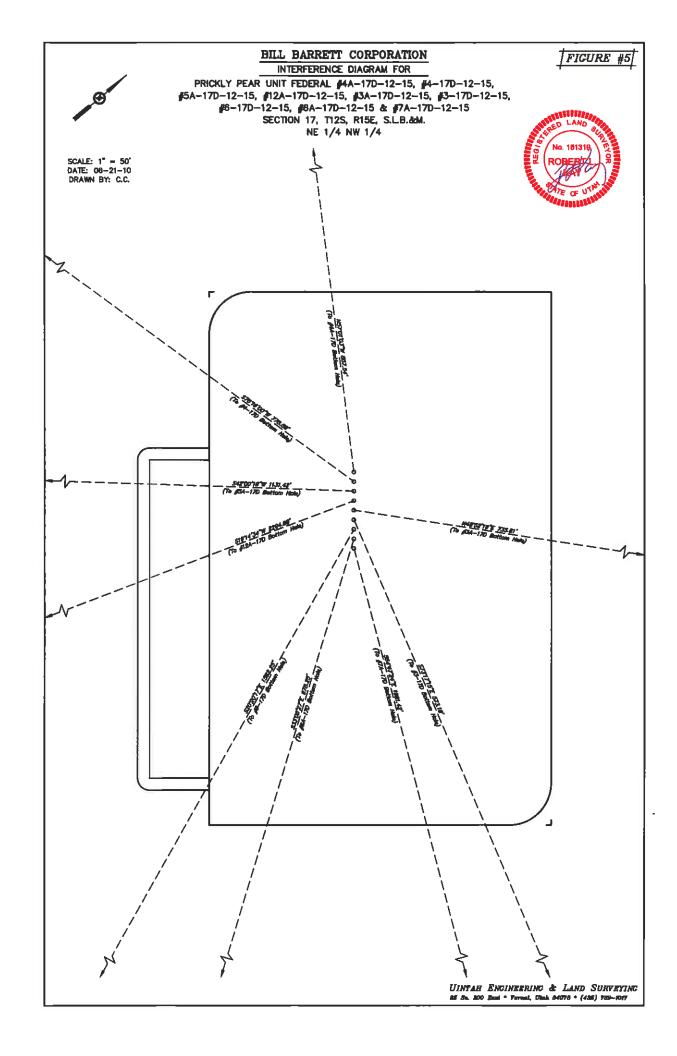
FILL

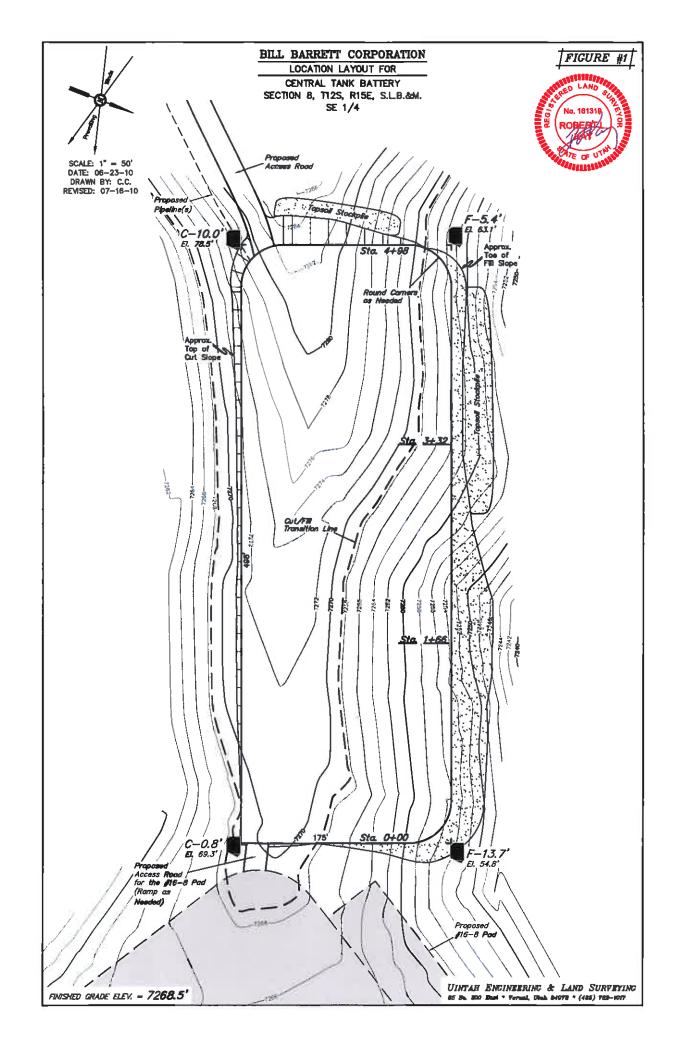


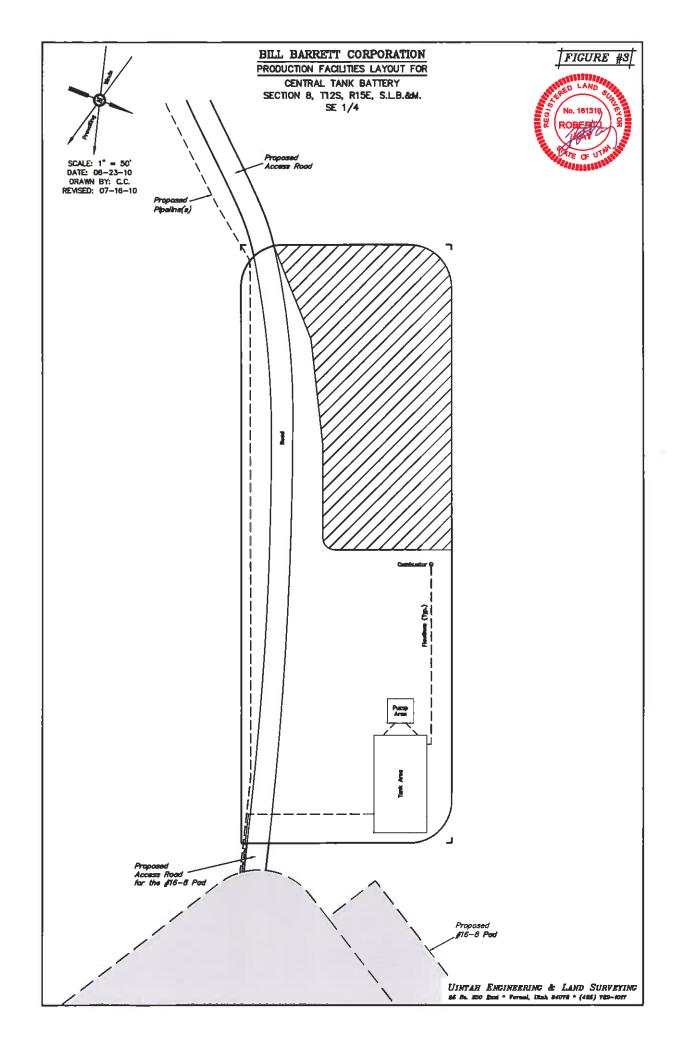
BILL BARRETT CORPORATION

INTERIM RECLAMATION DRAWING FOR

FIGURE #4



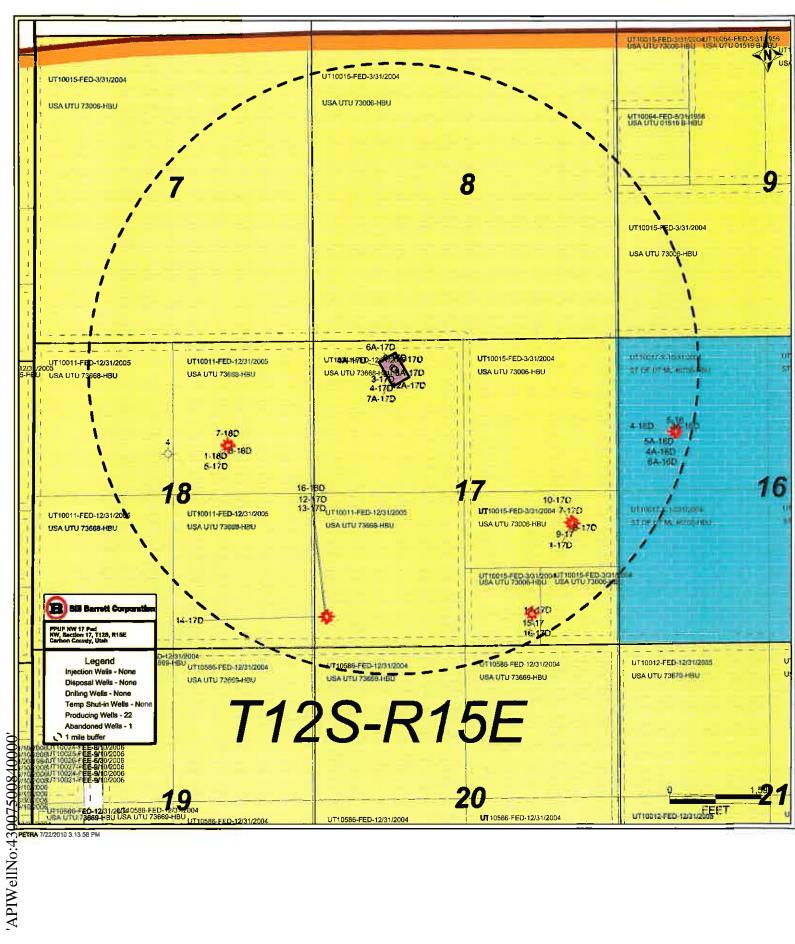




DUCHESNE CO.

Creek

R 15





CASING DETAILS TVD 998.54 1000.00 9 5/8" 9.625

Azimuths to True North Magnetic North: 11.50 Magnetic Field Strength: 52145.0snT Dip Angle: 65.58° Date: 8/3/2010

Project: CARBON COUNTY, UT (NAD 27) Site: PRICKLY PEAR NW 17-12-15 PAD Well: PRICKLY PEAR UF #6-17D-12-15 Wellbore: PRICKLY PEAR UF #6-17D-12-15

Design: PRIORLY PEAR U
Design: Design #1
Latitude: 39° 46' 46.651 N
Longitude: 110° 15' 50.721 W
GL: 7418.00

KB: WELL @ 7440.00ft (Original Well Elev)

RIG: Original Well Elev



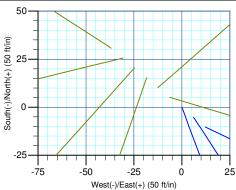
WELL DETAILS: PRICKLY PEAR UF #6-17D-12-15 Ground Level: 7418.00 Easting 2347330.07 Latittude 39° 46' 46.651 N Slot 110° 15' 50.721 W 0.00 0.00 529176.55

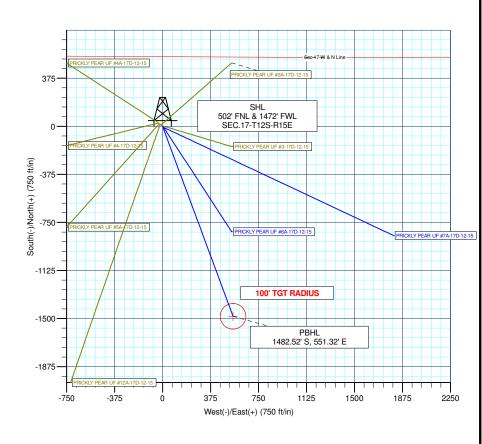
WELLBORE TARGET DETAILS (LAT/LONG)									
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape			
PBHL-#6	7502.00	-1482.52	551.32	39° 46' 32.000 N	110° 15' 43.660 W	Circle (Radius: 100.00)			

SECTION DETAILS											
MD Inc Azi TVD +N/-S +E/-W DLeg TFace VSec Annotation											
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
450.0	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	BEGIN BUILD		
700.0	0 5.00	159.60	699.68	-10.22	3.80	2.00	159.60	10.90	HOLD		
1060.0	0 5.00	159.60	1058.31	-39.63	14.74	0.00	0.00	42.28	KOP		
1676.0	7 23.50	159.60	1653.41	-181.28	67.42	3.00	0.00	193.41	HOLD		
4562.4	3 23.50	159.60	4299.83	-1259.82	468.50	0.00	0.00	1344.11	DROP		
5737.4	3 0.00	0.00	5442.16	-1482.52	551.32	2.00	180.00	1581.71	HOLD		
7797.	7 0.00	0.00	7502.00	-1482.52	551.32	0.00	0.00	1581.71	PBHL-#6		

FORMATION TOP DETAILS **TVDPath** MDPath Formation 2802.00 4742.00 WASATCH NORTH HORN 5030.10 6512.00 6807.27 DARK CANYON 7067.27 PRICE RIVER 6772.00

LEGEND PRICKLY PEAR UF #12A-17D-12-15, PRICKLY PEAR UF #12A-17D-12-15, Design #1 V0 PRICKLY PEAR UF #3-17D-12-15, PRICKLY PEAR UF #3-17D-12-15, Design #1 V0 PRICKLY PEAR UF #3A-17D-12-15, PRICKLY PEAR UF #3A-17D-12-15, Design #1 V0 PRICKLY PEAR UF #4-17D-12-15, PRICKLY PEAR UF #4-17D-12-15, Design #1 V0 PRICKLY PEAR UF #4A-17D-12-15, PRICKLY PEAR UF #4A-17D-12-15, Design #1 V0 PRICKLY PEAR UF #5A-17D-12-15, PRICKLY PEAR UF #5A-17D-12-15, Design #1 V0 PRICKLY PEAR UF #6A-17D-12-15. PRICKLY PEAR UF #6A-17D-12-15. Design #1 V0 PRICKLY PEAR UF #7A-17D-12-15, PRICKLY PEAR UF #7A-17D-12-15, Design #1 V0





Plan: Design #1 (PRICKLY PEAR UF #6-17D-12-15/PRICKLY PEAR UF #6-17D-12-15)

Created By: TRACY WILLIAMS Date:

13:35, August 04 2010



Planning Report



Database: EDM 2003.21 Single User Db Company: **BILL BARRETT CORP**

Project: CARBON COUNTY, UT (NAD 27) PRICKLY PEAR NW 17-12-15 PAD Site: Well: PRICKLY PEAR UF #6-17D-12-15

Wellbore: PRICKLY PEAR UF #6-17D-12-15

Design: Design #1

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: **Survey Calculation Method:**

Well PRICKLY PEAR UF #6-17D-12-15 WELL @ 7440.00ft (Original Well Elev) WELL @ 7440.00ft (Original Well Elev)

Minimum Curvature

Project CARBON COUNTY, UT (NAD 27)

US State Plane 1927 (Exact solution) Map System:

NAD 1927 (NADCON CONUS) Geo Datum:

Map Zone: Utah Central 4302 System Datum: Mean Sea Level

Using geodetic scale factor

PRICKLY PEAR NW 17-12-15 PAD Site

Northing: 529,166.43ft 39° 46' 46.550 N Site Position: Latitude: From: Мар Easting: 2,347,342.42ft Longitude: 110° 15' 50.565 W **Position Uncertainty:** 0.00 ft Slot Radius: **Grid Convergence:** 0.79°

Well PRICKLY PEAR UF #6-17D-12-15

Well Position +N/-S 10.29 ft Northing: 529,176.55 ft Latitude: 39° 46' 46.651 N Easting: +E/-W -12.21ft 2,347,330.07 ft Longitude: 110° 15' 50.721 W

Position Uncertainty 0.00 ft Wellhead Elevation: ft **Ground Level:** 7,418.00ft

PRICKLY PEAR UF #6-17D-12-15 Wellbore

Field Strength Sample Date Magnetics **Model Name** Declination **Dip Angle** (nT) (°) (°) BGGM2010 8/3/2010 11.50 65.58 52.145

Design #1 Design

Audit Notes:

Version: Phase: **PROTOTYPE** Tie On Depth: 0.00

Vertical Section: Depth From (TVD) +N/-S +E/-W Direction (ft) (ft) (ft) (°) 0.00 0.00 0.00 159.60

Plan Section	ıs									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
450.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	5.00	159.60	699.68	-10.22	3.80	2.00	2.00	0.00	159.60	
1,060.00	5.00	159.60	1,058.31	-39.63	14.74	0.00	0.00	0.00	0.00	
1,676.67	23.50	159.60	1,653.41	-181.28	67.42	3.00	3.00	0.00	0.00	
4,562.43	3 23.50	159.60	4,299.83	-1,259.82	468.50	0.00	0.00	0.00	0.00	
5,737.43	0.00	0.00	5,442.16	-1,482.52	551.32	2.00	-2.00	0.00	180.00	
7,797.27	0.00	0.00	7,502.00	-1,482.52	551.32	0.00	0.00	0.00	0.00	PBHL-#6



Planning Report



Database: Company: Project: Site:

Wellbore: Design:

Well:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PRICKLY PEAR NW 17-12-15 PAD PRICKLY PEAR UF #6-17D-12-15

PRICKLY PEAR UF #6-17D-12-15

Design #1

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: **Survey Calculation Method:**

Well PRICKLY PEAR UF #6-17D-12-15 WELL @ 7440.00ft (Original Well Elev) WELL @ 7440.00ft (Original Well Elev)

Minimum Curvature

nned Surve	э у									
Measur Depth (ft)		Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
400	0.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
BEGIN 450 500 600	0.00 0.00 0.00	0.00 1.00 3.00	0.00 159.60 159.60	450.00 500.00 599.93	0.00 -0.41 -3.68	0.00 0.15 1.37	0.00 0.44 3.93	0.00 2.00 2.00	0.00 2.00 2.00	0.00 0.00 0.00
HOLD 700 800		5.00 5.00	159.60 159.60	699.68 799.30	-10.22 -18.39	3.80 6.84	10.90 19.62	2.00 0.00	2.00 0.00	0.00 0.00
900	0.00	5.00	159.60	898.92	-26.56	9.88	28.33	0.00	0.00	0.00
9 5/8" 1,000 KOP	0.00	5.00	159.60	998.54	-34.72	12.91	37.05	0.00	0.00	0.00
1,060 1,100 1,200	0.00	5.00 6.20 9.20	159.60 159.60 159.60	1,058.31 1,098.12 1,197.21	-39.63 -43.28 -55.84	14.74 16.10 20.77	42.28 46.18 59.58	0.00 3.00 3.00	0.00 3.00 3.00	0.00 0.00 0.00
1,300 1,400 1,500 1,600	0.00 0.00 0.00	12.20 15.20 18.20 21.20	159.60 159.60 159.60 159.60	1,295.46 1,392.60 1,488.37 1,582.51	-73.24 -95.44 -122.37 -153.96	27.24 35.49 45.51 57.26	78.14 101.82 130.56 164.26	3.00 3.00 3.00 3.00	3.00 3.00 3.00 3.00	0.00 0.00 0.00 0.00
HOLD 1,676		23.50	159.60	1,653.42	-181.28	67.42	193.41	3.00	3.00	0.00
1,700 1,800 1,900 2,000 2,100	0.00	23.50 23.50 23.50 23.50 23.50	159.60 159.60 159.60 159.60 159.60	1,674.81 1,766.52 1,858.22 1,949.93 2,041.63	-190.00 -227.38 -264.75 -302.13 -339.50	70.66 84.56 98.46 112.36 126.25	202.72 242.59 282.47 322.34 362.22	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
2,200 2,300 2,400 2,500 2,600	0.00 0.00 0.00	23.50 23.50 23.50 23.50 23.50	159.60 159.60 159.60 159.60 159.60	2,133.34 2,225.05 2,316.75 2,408.46 2,500.16	-376.88 -414.25 -451.62 -489.00 -526.37	140.15 154.05 167.95 181.85 195.75	402.09 441.97 481.84 521.72 561.59	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
2,700 2,800 2,900	0.00	23.50 23.50 23.50	159.60 159.60 159.60	2,591.87 2,683.58 2,775.28	-563.75 -601.12 -638.50	209.65 223.54 237.44	601.47 641.34 681.22	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
WASA	тсн									
2,929 3,000		23.50 23.50	159.60 159.60	2,802.00 2,866.99	-649.38 -675.87	241.49 251.34	692.83 721.09	0.00 0.00	0.00 0.00	0.00 0.00
3,100 3,200 3,300 3,400 3,500	0.00 0.00 0.00	23.50 23.50 23.50 23.50 23.50	159.60 159.60 159.60 159.60 159.60	2,958.69 3,050.40 3,142.11 3,233.81 3,325.52	-713.24 -750.62 -787.99 -825.37 -862.74	265.24 279.14 293.04 306.94 320.83	760.97 800.84 840.72 880.59 920.47	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
3,600 3,700 3,800 3,900 4,000	0.00 0.00 0.00	23.50 23.50 23.50 23.50 23.50	159.60 159.60 159.60 159.60 159.60	3,417.22 3,508.93 3,600.64 3,692.34 3,784.05	-900.12 -937.49 -974.86 -1,012.24 -1,049.61	334.73 348.63 362.53 376.43 390.33	960.34 1,000.22 1,040.09 1,079.97 1,119.84	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
4,100 4,200 4,300 4,400 4,500	0.00 0.00 0.00	23.50 23.50 23.50 23.50 23.50	159.60 159.60 159.60 159.60 159.60	3,875.75 3,967.46 4,059.17 4,150.87 4,242.58	-1,086.99 -1,124.36 -1,161.74 -1,199.11 -1,236.48	404.23 418.13 432.02 445.92 459.82	1,159.72 1,199.59 1,239.46 1,279.34 1,319.21	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
DROP)									



Planning Report



Database: Company: Project: Site:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PRICKLY PEAR NW 17-12-15 PAD PRICKLY PEAR UF #6-17D-12-15

Well: PRICKLY PEAR UF #6-17D-12-15 Wellbore:

Design #1 Design

Local Co-ordinate Reference: TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well PRICKLY PEAR UF #6-17D-12-15 WELL @ 7440.00ft (Original Well Elev) WELL @ 7440.00ft (Original Well Elev)

Minimum Curvature

esign:	Design #1								
Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,562.43 4,600.00 4,700.00 4,800.00 4,900.00	23.50 22.75 20.75 18.75 16.75	159.60 159.60 159.60 159.60 159.60	4,299.83 4,334.38 4,427.26 4,521.37 4,616.61	-1,259.82 -1,273.65 -1,308.37 -1,340.04 -1,368.61	468.50 473.64 486.56 498.33 508.96	1,344.11 1,358.86 1,395.91 1,429.70 1,460.18	0.00 2.00 2.00 2.00 2.00	0.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00
5,000.00	14.75	159.60	4,712.85	-1,394.05	518.42	1,487.33	2.00	-2.00	0.00
NORTH HO	ORN								
5,030.10 5,100.00 5,200.00 5,300.00	14.15 12.75 10.75 8.75	159.60 159.60 159.60 159.60	4,742.00 4,809.98 4,907.88 5,006.43	-1,401.09 -1,416.33 -1,435.41 -1,451.28	521.04 526.70 533.80 539.70	1,494.84 1,511.09 1,531.45 1,548.38	2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00
5,400.00 5,500.00 5,600.00 5,700.00	6.75 4.75 2.75 0.75	159.60 159.60 159.60 159.60	5,105.51 5,205.00 5,304.79 5,404.73	-1,463.92 -1,473.30 -1,479.43 -1,482.29	544.40 547.89 550.17 551.23	1,561.86 1,571.88 1,578.42 1,581.47	2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00
HOLD									
5,737.43	0.00	0.00	5,442.16	-1,482.52	551.32	1,581.71	2.00	-2.00	-426.40
5,800.00 5,900.00 6,000.00 6,100.00 6,200.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5,504.73 5,604.73 5,704.73 5,804.73 5,904.73	-1,482.52 -1,482.52 -1,482.52 -1,482.52 -1,482.52	551.32 551.32 551.32 551.32 551.32	1,581.71 1,581.71 1,581.71 1,581.71 1,581.71	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
6,300.00 6,400.00 6,500.00 6,600.00 6,700.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	6,004.73 6,104.73 6,204.73 6,304.73 6,404.73	-1,482.52 -1,482.52 -1,482.52 -1,482.52 -1,482.52	551.32 551.32 551.32 551.32 551.32	1,581.71 1,581.71 1,581.71 1,581.71 1,581.71	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
6,800.00	0.00	0.00	6,504.73	-1,482.52	551.32	1,581.71	0.00	0.00	0.00
DARK CAN	NYON								
6,807.27 6,900.00 7,000.00	0.00 0.00 0.00	0.00 0.00 0.00	6,512.00 6,604.73 6,704.73	-1,482.52 -1,482.52 -1,482.52	551.32 551.32 551.32	1,581.71 1,581.71 1,581.71	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
PRICE RIV			. === ::			: - :			
7,067.27	0.00	0.00	6,772.00	-1,482.52	551.32	1,581.71	0.00	0.00	0.00
7,100.00 7,200.00 7,300.00 7,400.00 7,500.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	6,804.73 6,904.73 7,004.73 7,104.73 7,204.73	-1,482.52 -1,482.52 -1,482.52 -1,482.52 -1,482.52	551.32 551.32 551.32 551.32 551.32	1,581.71 1,581.71 1,581.71 1,581.71 1,581.71	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
7,600.00 7,700.00	0.00	0.00 0.00	7,304.73 7,404.73	-1,482.52 -1,482.52	551.32 551.32	1,581.71 1,581.71	0.00 0.00	0.00 0.00	0.00 0.00
PBHL-#6 -		0.00	7.500.60	4 400 50	554.63	4 504 54	0.00	0.00	0.00
7,797.27	0.00	0.00	7,502.00	-1,482.52	551.32	1,581.71	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL-#6 - plan hits target - Circle (radius 1		0.00	7,502.00	-1,482.52	551.32	527,701.94	2,347,901.76	39° 46′ 32.000 N	110° 15' 43.660 W



Planning Report



EDM 2003.21 Single User Db Database: BILL BARRETT CORP Company: Project: CARBON COUNTY, UT (NAD 27) Site:

PRICKLY PEAR NW 17-12-15 PAD PRICKLY PEAR UF #6-17D-12-15 PRICKLY PEAR UF #6-17D-12-15

Design: Design #1

Well:

Wellbore:

Local Co-ordinate Reference: TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well PRICKLY PEAR UF #6-17D-12-15 WELL @ 7440.00ft (Original Well Elev) WELL @ 7440.00ft (Original Well Elev)

Minimum Curvature

Casing Points						
	Measured	Vertical			Casing	Hole
	Depth	Depth			Diameter	Diameter
	(ft)	(ft)		Name	(in)	(in)
	1,000.00	998.54	9 5/8"		9.625	12.250

Formations						
	Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
	2,929.13	2,802.00	WASATCH		0.00	
	7,067.27	6,772.00	PRICE RIVER		0.00	
	6,807.27	6,512.00	DARK CANYON		0.00	
	5,030.10	4,742.00	NORTH HORN		0.00	

Plan Anno	tations				
	Measured	Vertical	Local Coor	dinates	
	Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
	450.00	450.00	0.00	0.00	BEGIN BUILD
	700.00	699.68	-10.22	3.80	HOLD
	1,060.00	1,058.31	-39.63	14.74	KOP
	1,676.67	1,653.42	-181.28	67.42	HOLD
	4,562.43	4,299.83	-1,259.82	468.50	DROP
	5,737.43	5,442.16	-1,482.52	551.32	HOLD
	7,797.27	7,502.00	-1,482.52	551.32	PBHL-#6

APIWellNo:43007500840000'

SURFACE USE PLAN

BILL BARRETT CORPORATION Prickly Pear Unit Federal NW 17 Pad SUP Carbon County, UT

Prickly Pear Unit Federal 3-17D-12-15	Prickly Pear Unit Federal 3A-17D-12-15
NENW, 497' FNL, 1466' FWL, Sec. 17, T12S-R15E (surface hole)	NENW, 492' FNL, 1460' FWL, Sec. 17, T12S-R15E (surface hole)
NENW, 659' FNL, 2015' FWL, Sec. 17, T12S-R15E (bottom hole)	NENW, 5' FNL, 2014' FWL, Sec. 17, T12S-R15E (bottom hole)
Prickly Pear Unit Federal 4-17D-12-15	Prickly Pear Unit Federal 4A-17D-12-15
NENW, 477' FNL, 1441' FWL, Sec. 17, T12S-R15E (surface hole)	NENW, 472' FNL, 1435' FWL, Sec. 17, T12S-R15E (surface hole)
NWNW, 666' FNL, 685' FWL, Sec. 17, T12S-R15E (bottom hole)	NWNW, 9' FNL, 716' FWL, Sec. 17, T12S-R15E (bottom hole)
Prickly Pear Unit Federal 5A-17D-12-15	Prickly Pear Unit Federal 6-17D-12-15
NENW, 482' FNL, 1447' FWL, Sec. 17, T12S-R15E (surface hole)	NENW, 502' FNL, 1472' FWL, Sec. 17, T12S-R15E (surface hole)
SWNW, 1327' FNL, 690' FWL, Sec. 17, T12S-R15E (bottom hole)	SENW, 1983' FNL, 2021' FWL, Sec. 17, T12S-R15E (bottom hole)
Prickly Pear Unit Federal 6A-17D-12-15	Prickly Pear Unit Federal 7A-17D-12-15
NENW, 507' FNL, 1478' FWL, Sec. 17, T12S-R15E (surface hole)	NENW, 513' FNL, 1484' FWL, Sec. 17, T12S-R15E (surface hole)
SENW, 1324' FNL, 2012' FWL, Sec. 17, T12S-R15E (bottom hole)	SWNE, 1351' FNL, 1975' FEL, Sec. 17, T12S-R15E (bottom hole)
Prickly Pear Unit Federal 12A-17D-12-15	
NENW, 487' FNL, 1454' FWL, Sec. 17, T12S-R15E (surface hole)	
NWSW, 2633' FSL, 696' FWL, Sec. 17, T12S-R15E (bottom hole)	

This is a new pad with a total of nine directional wells proposed to be drilled. Onsites for this pad occurred on December 1, 2008 and again on June 30, 2010 to review pad changes. During the June 30 onsite, BLM requested the following:

- 1) Bring Corner #2 in towards the center of the pad to get it further from the edge of the cliff.
- 2) Leave as much tree cover as possible to minimize visual impacts.
- Take several pre-construction photos as this location is placed on thick, extensive rock and reclamation will be difficult.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. The proposed pad is located approximately 44 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see Topographic maps A and B).
- b. Primary access to this pad (approximately 0.9 miles) would be constructed in 2010 to access a pad to the east of this pad. Further details are in 2 (a) below.
- c. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated as there are no upgrades to the State or County road systems proposed at this time.
- d. No topsoil stripping would occur as there are no improvements proposed to existing State, County or main BLM access roads.
- e. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- f. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.

Bill Barrett Corporation Surface Use Plan Prickly Pear NW 17 Pad Carbon County, Utah

- g. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.
- Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.
- An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this
 time since existing roads are being utilized into the Prickly Pear Unit area. All new construction
 would be within the Unit.

2. Planned Access Road:

- a. BBC will have constructed the majority of the access and pipeline to this location at the time the SE 7 to the west and the SE 8 pad to the east is constructed. New construction, approximately 528 feet in length, proposed with this pad would be the access indicated in blue on Topographic Map B. A road design plan is not anticipated at this time.
- b. The new proposed access road would be co-located by pipeline(s) and the requested corridor disturbance would be 100 ft with a short-term corridor disturbance of 80 ft (0.96 acres) reclaimed to a long-term corridor of 30 ft (0.36 acres).
- c. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- d. Intervisible turnouts would be constructed, where necessary and as topographic conditions allow, to improve traffic safety. A maximum grade of 10 percent would be maintained with minimum cuts and fills, as necessary, to access the well pad.
- e. New road construction and improvements of existing roads would typically require the use of motorgraders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private, State of Utah, or federal lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- Adequate drainage structures would be incorporated and culverts, with a minimum diameter of 18 inches, would be installed as necessary.
- g. No gates or cattle guards are anticipated at this time.

Bill Barrett Corporation Surface Use Plan Prickly Pear NW 17 Pad Carbon County, Utah

- Surface disturbance and vehicular travel would be limited to the approved location access road.
 Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- i. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition Revised 2007</u>. BBC would be responsible for all maintenance of the access road.

3. Location of Existing Wells (see One-Mile Radius Map):

 a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	none
iv.	drilling wells	none
v.	temp shut-in wells	none
vi.	producing wells	twenty-two
vii.	abandoned wells	one

4. Location of Production Facilities:

- a. Each proposed well would have its own meter run and separator. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches. All wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and 72 ft long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. Tank facilities for this pad would be located at a centralized tank battery facility at the proposed Prickly Pear SE 8 well pad in the SESE, Sec. 8, T12S-R15E within the Prickly Pear unit. Up to ten 300-bbl low-profile tanks would be located on the proposed SE 8 CTB/well pad for production associated with this pad and for additional proposed pads that would also use this as a CTB. Although the pad is outside of the Participating Area boundary, bottom holes for all proposed wells located on this pad are within the Participating Area (PA).
- c. Because the SE 8 CTB would have non-PA wells as well as PA wells, production for non-PA wells would be combined in one set of tanks while production for PA wells would be combined in a separate set of tanks. Figure 1, Location Layout for the CTB.
- d. CTBs would be surrounded by a secondary containment berm of sufficient capacity to contain the 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the CTB or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. Any variances from this would be submitted via a sundry notice. BBC requests permission to install the necessary production/operation facilities with this application.
- e. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- f. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with

the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3 and any variances would be included with this submittal or submitted via sundry notice.

- g. A combustor may be installed at the Prickly Pear SE 8 pad CTB for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 10 ft -27 ft tall. Combustor placement would be on existing disturbance and would not be closer than 100 ft to any tank or wellhead(s). No combustor is planned currently on this pad.
- h. Refer to 2(a) and (b) above for details on lengths of requested pipeline. A gas gathering pipeline (up to 8 inch diameter) and one liquids line (up to 6 inch maximum diameter) is associated with this application and is being applied for at this time (see Topographic Map C). The pipelines would leave the north end of the pad and traverse west to where both would tie into lines laid for the SE 8 pad.
- i. The proposed new gas pipeline would be constructed of steel while the liquids lines would be constructed of steel, polyethylene, or fiberglass. The gas pipeline and liquids line would be buried, where soil conditions permit, within the proposed co-located access road and pipeline corridor.
- j. This well pad lies almost entirely on bedrock; therefore, burial of pipelines would be unlikely. However, BBC would final this decision at the time of the pre-construction meeting with the BLM Authorized Officer.
- k. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.
- Pipeline construction methods and practices would be planned and conducted by BBC with the
 objective of enhancing reclamation and fostering the re-establishment of the native plant
 community.
- m. To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
- n. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any changes to facilities proposed within this surface use plan would be depicted on the site security diagram submitted.
- p. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

5. Location and Type of Water Supply:

a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under:

> Application Number 90-1863, expires June 6, 2011 Application Number 98-1864, expires September 7, 2011

> Application Number 90-4, expires December 31, 2014 Application Number 90-1861, expires May 11, 2011

- b. Water use for this location would most likely be diverted from Nine Mile Creek, the N¼ of Section 3, T12S-R14E. Bobtail trucks would haul the water, traveling Prickly Pear road to Harmon Canyon, traveling north to this point of diversion.
- c. Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken out of the Prickly Pear Unit.
- c. If any additional gravel is required, it would be obtained from SITLA materials permits, federal BBC locations within the Prickly Pear unit or from private sources.

Methods of Handling Waste Disposal:

 All wastes associated with this application would be contained and disposed of utilizing approved facilities.

Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 265 ft x 50 ft cuttings trench (indicated as reserve pit/cuttings trench on Figure 1 located outboard of the location along the south side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.

> g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

Completion Pit

h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

Other

- Produced fluids from the wells other than water would be decanted into steel test tanks until such
 time as construction of production facilities is completed. Produced water may be used in further
 drilling and completion activities, evaporated in the pit or would be hauled to a state approved
 disposal facility.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO₂ gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- o. Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.

- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- Storage yards for tubulars and other equipment and temporary housing areas, located on BBC surface, would be utilized.
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 444 ft x 285 ft with a 265 ft x 50 ft (3.9 acres short-term, 0.8 acres long-term) cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and difches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.

i. Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

10. Plan for Restoration of the Surface:

Interim Reclamation (see Figure 4)

- a. Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.
- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards, where practicable.
- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.
- e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- i. BBC would reshape disturbed channel beds to their approximate original configuration.

j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

11. Surface and Mineral Ownership:

- Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

12. Other Information:

- Montgomery Archaeological Consultants conducted a cultural resource inventory for this pad under MOAC 08-251, dated 11/4/08
- b. BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
 - No dogs within the WTP Project Area;
 - No firearms within the WTP Project Area;
 - No littering within the WTP Project Area;
 - Smoking within the WTP Project Area would only be allowed in off-operator active
 locations or in specifically designated smoking areas. All cigarette butts would be placed in
 appropriate containers and not thrown on the ground or out windows of vehicles; personnel
 and contractors would abide by all fire restriction orders;
 - Campfires or uncontained fires of any kind would be prohibited within the WTP Project Area;
 - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed disturbances are within the Prickly Pear unit: Surface and bottom hole disturbances occur on lease UTU-73006 and UTU-73668.

'APIWeIINo:43007500840000'

OPERATOR CERTIFICATION

Certification:

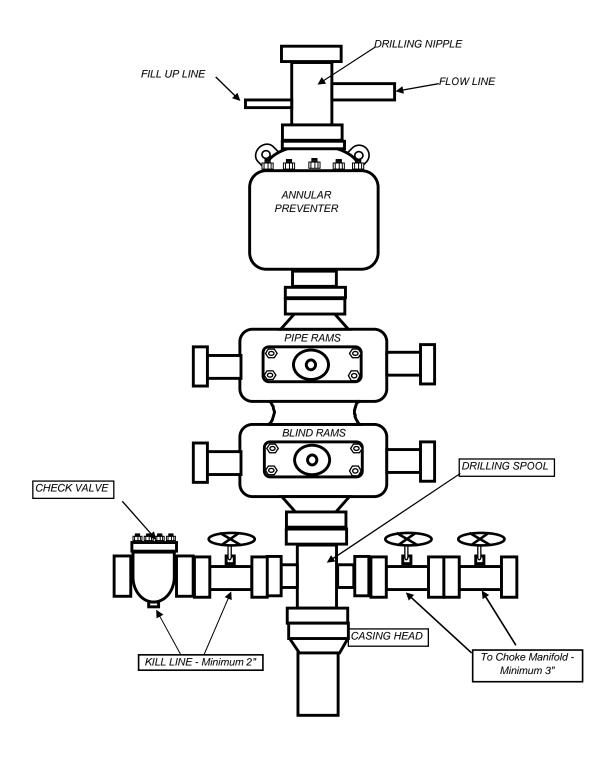
I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this	13th day of 2010 2010	
Name;	Tracey Fallang	
Position Title:	Regulatory Analyst	
Address:	1099 18 th Street, Suite 2300, Denver, CO 80202	
Telephone:	303-312-8134	
Field Representative	Brandon Murdock	
Address:	1820 W. Hwy 40, Roosevelt, UT 84066	
Telephone:	435-724-5252	
E-mail:	bmurdock@billbarrettcorp.com	

Tracey Fallang, Regulatory Manager

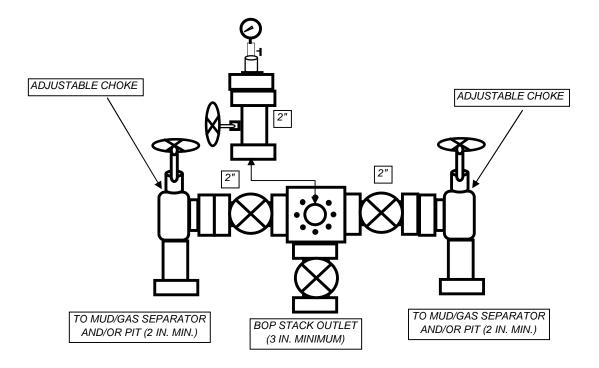
BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD





September 13, 2010

Ms. Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE:

Directional Drilling R649-3-11

Prickly Pear Unit Federal 6-17D-12-15

SHL: 502' FNL & 1472' FWL NENW 17-T12S-R15E BHL: 1983' FNL & 2021' FWL SENW 17-T12S-R15E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Prickly Pear Unit Area and a Participating Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area:
- BBC hereby certifies this well is located within 460 feet of the unit boundary.
- Additional working interest owner includes XTO Energy, Inc. BBC will consult with this owner regarding the drilling of this well.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8513.

Sincerely,

Vicki Wambolt
Vicki Wambolt

Landman

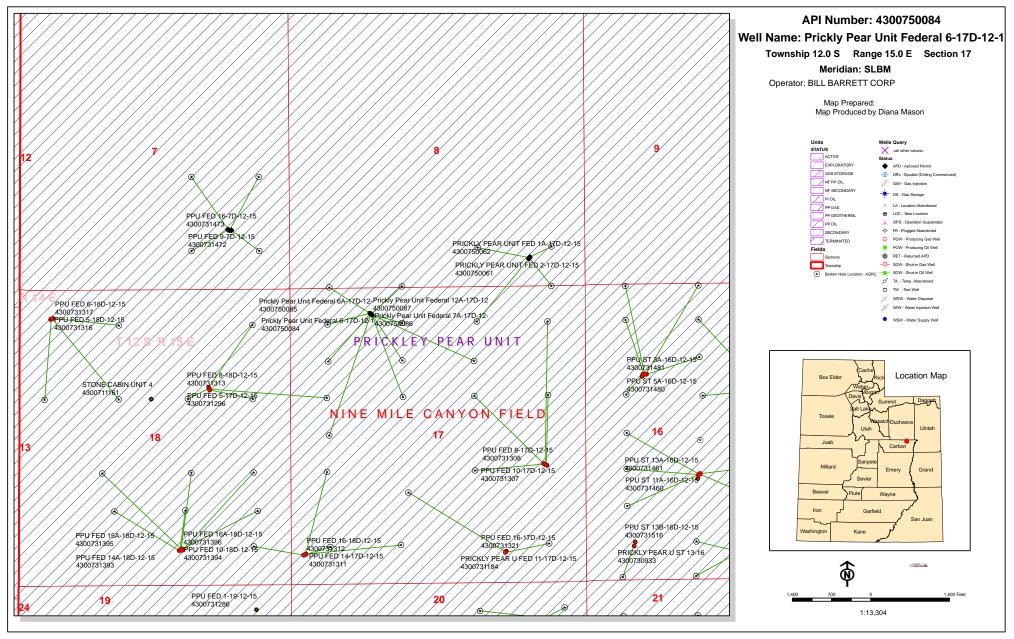
1099 18TH STREET

SUITE 2300

DENVER, CO 80202

P 303.293.9100

F 303.291.0420



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/14/2010 **API NO. ASSIGNED:** 43007500840000 WELL NAME: Prickly Pear Unit Federal 6-17D-12-15 **OPERATOR:** BILL BARRETT CORP (N2165) **PHONE NUMBER:** 303 293-9100 **CONTACT:** Elaine Winick PROPOSED LOCATION: NENW 17 120S 150E **Permit Tech Review: SURFACE:** 0502 FNL 1472 FWL **Engineering Review: BOTTOM:** 1983 FNL 2021 FWL Geology Review: **COUNTY: CARBON LATITUDE:** 39.77961 **LONGITUDE:** -110.26389 UTM SURF EASTINGS: 563038.00 **NORTHINGS:** 4403346.00 FIELD NAME: NINE MILE CANYON LEASE TYPE: 1 - Federal **LEASE NUMBER: UTU 73668** PROPOSED PRODUCING FORMATION(S): WASATCH-MESA VERDE SURFACE OWNER: 1 - Federal **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:** PLAT R649-2-3. Unit: PRICKLY PEAR Bond: FEDERAL - WYB000040 **Potash** R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception Oil Shale 190-13 **Drilling Unit** Board Cause No: Cause 256-01 Water Permit: Nine Mile Creek **Effective Date:** 12/16/2004 **RDCC Review:**

Siting: Suspends General Siting

✓ R649-3-11. Directional Drill

Comments: Presite Completed APD IS IN UPOD:

Fee Surface Agreement

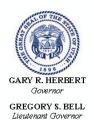
Intent to Commingle

Commingling Approved

Stipulations: 4 - Federal Approval - dmason

15 - Directional - dmason

API Well No: 43007500840000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Prickly Pear Unit Federal 6-17D-12-15

API Well Number: 43007500840000 Lease Number: UTU 73668 Surface Owner: FEDERAL

Approval Date: 9/27/2010

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 256-01. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

 Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available) OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

Reporting Requirements:

API Well No: 43007500840000

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

Acting Associate Director, Oil & Gas

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668		
SUND	RY NOTICES AND REPORTS ON	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepen exis ugged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500840000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D	PHONE N Denver, CO, 80202 303 312-83		9. FIELD and POOL or WILDCAT: NINE MILE CANYON		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL			COUNTY: CARBON		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 17	IP, RANGE, MERIDIAN: 'Township: 12.0S Range: 15.0E Meridian: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
In accordance with Completion Into Two commingling app composition is simil formations is similar	□ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF	ining's Rule 649-3-22, g this sundry to request erde formations. Gas ssure profile across the cross flow. Production i	Accepted by the Utah Division of Oil, Gas and Mining		
interval is required production logs and a and affidavit of notion	, BBC would use representative s illocate on a percentage basis by ce is attached. As per Marvin Her BLM, federal authority of t	ampling obtained from zone or interval. A leten andrickson with the Price his action is not necessa	y: Ush K Junt		
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Manager			
SIGNATURE		DATE 10/11/2010			



AFFIDAVIT

My name is Vicki L. Wambolt and I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde formations in the Prickly Pear Unit Federal 7A-17D-12-15, 6A-17D-12-15, 6-17D-12-15, 3-17D-12-15, 3A-17D-12-15, 12A-17D-12-15, 5A-17D-12-15, 4-17D-12-15 & 4A-17D-12-15 wells drilled from a pad located in the NW of Section 17, Township 12 South, Range 15 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

State of Utah, acting by and through the School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

Bureau of Land Management Price Field Office 125 South 600 West Price, Utah 84501

XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298

Date: October 5, 2010

Affiant



Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Salt Lake City, UT 84116

Attention: Dustin Doucet

RE: Sundry Notices

Prickly Pear Unit NW 17 T12S R15E Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 7A-17D-12-15, 6A-17D-12-15, 6-17D-12-15, 3-17D-12-15, 3A-17D-12-15, 12A-17D-12-15, 5A-17D-12-15, 4-17D-12-15 & 4A-17D-12-15 wells drilled from a pad located in the NW of Section 17, Township 12 South, Range 15 East. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

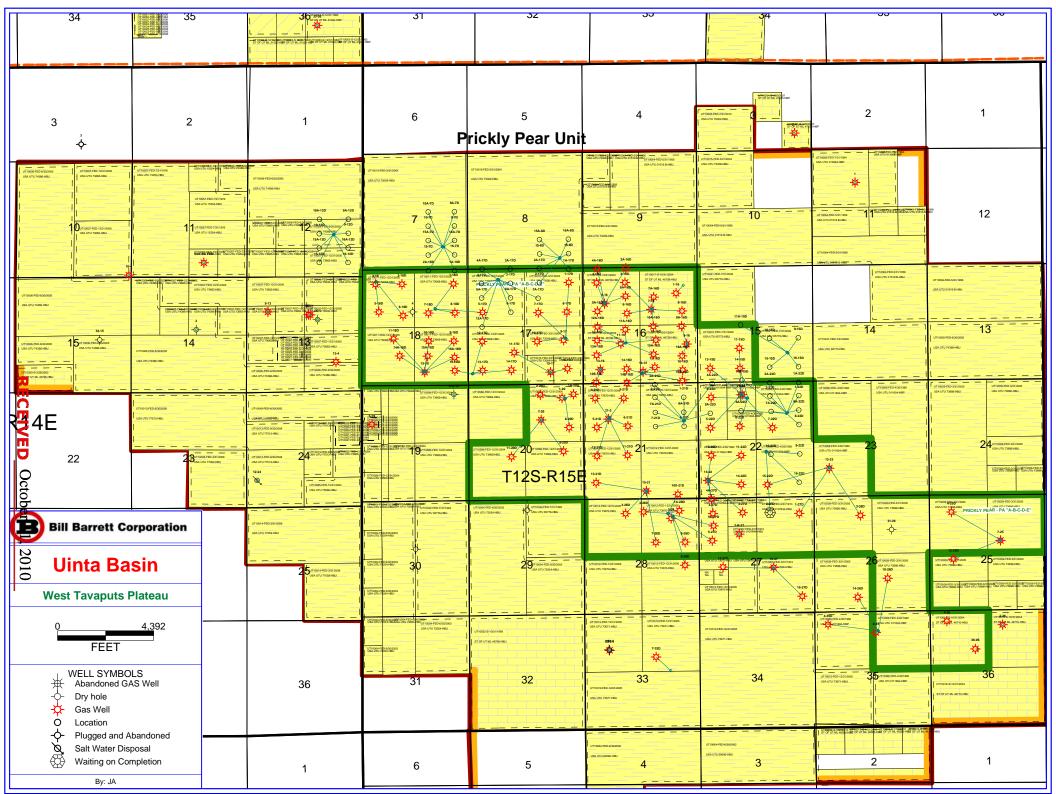
Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki L./Wambolt

Landman

Enclosures





Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501

Certified Mail 7010 1870 0000 4533 3907

Attention: Marvin Hendricks

RE: Sundry Notices

Prickly Pear Unit NW 17 T12S R15E Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 7A-17D-12-15, 6A-17D-12-15, 6-17D-12-15, 3-17D-12-15, 3A-17D-12-15, 12A-17D-12-15, 5A-17D-12-15, 4-17D-12-15 & 4A-17D-12-15 wells drilled from a pad located in the NW of Section 17, Township 12 South, Range 15 East. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki Ł. Wambolt

Landman

Enclosures



State of Utah

Certified Mail 7010 1870 0000 4533 3914
School and Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, UT 84102

Attention: LaVonne Garrison

RE: Sundry Notices

Prickly Pear Unit NW 17 T12S R15E Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 7A-17D-12-15, 6A-17D-12-15, 6-17D-12-15, 3-17D-12-15, 3A-17D-12-15, 12A-17D-12-15, 5A-17D-12-15, 4-17D-12-15 & 4A-17D-12-15 wells drilled from a pad located in the NW of Section 17, Township 12 South, Range 15 East. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

Enclosures



XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298

Certified Mail 7010 1870 0000 4533 3921

Attention: Shannon Nichols

RE: Sundry Notices

Prickly Pear Unit NW 17 T12S R15E Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 7A-17D-12-15, 6A-17D-12-15, 6-17D-12-15, 3-17D-12-15, 3A-17D-12-15, 12A-17D-12-15, 5A-17D-12-15, 4-17D-12-15 & 4A-17D-12-15 wells drilled from a pad located in the NW of Section 17, Township 12 South, Range 15 East. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

Enclosures



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

5.	Lease Serial No.
	UTU73668

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreemen UTU79487H	t, Name and No.
1b. Type of Well: Oil Well Gas Well Oth	ner Single Zone Multiple Zone	Lease Name and Well No PRICKLY PEAR UNIT	
Name of Operator Contact: BILL BARRETT CORPORATION E-Mail: ewinick@	ELAINE WINICK @billbarrettcorp.com	9. API Well No.	
		43-007-50084	
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303.312.8168	10. Field and Pool, or Expl PRICKLY PEAR	oratory
4. Location of Well (Report location clearly and in accord-	I ance with any State requirements.*)	11. Sec., T., R., M., or Blk.	and Survey or Area
At surface NENW 502FNL 1472FWL At proposed prod. zone SENW 1983FNL 2021FWI		Sec 17 T12S R15E SME: BLM	Mer SLB
 Distance in miles and direction from nearest town or post 44 MILES SW OF MYTON UT 		12. County or Parish CARBON	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated	to this well
608' LEASE, 7295' UNIT	899.77	40.00	
 Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 	19. Proposed Depth	20. BLM/BIA Bond No. on	file
1255'	8000 MD 7700 TVD	WYB000040	
21. Elevations (Show whether DF, KB, RT, GL, etc. 7418 GL	22. Approximate date work will start 05/01/2011	23. Estimated duration 40 DAYS (D&C)	
	24. Attachments		
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached to	this form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off 	Item 20 above). em Lands, the 5. Operator certification	ons unless covered by an existing	
25. Signature (Electronic Submission)	Name (Printed/Typed) ELAINE WINICK Ph: 303.312.8168		Date 09/13/2010
Title SR PERMIT ANALYST			
Approved by (Signature)	Name (Printed/Typed)		Date
Patricia A. Clabaux	Patricia A Clabaugh		2-10-2011
Field Manager	Office PRICE FIELD OI	FFICE	
Application approval does not warrant or certify the applicant ho operations thereon.	lds legal or equitable title to those rights in the subject le	ase which would entitle the ap	plicant to conduct
Conditions of approval, if any, are attached.			

Additional Operator Remarks (see next page)

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #92808 verified by the BLM Well Information System For BILL BARRETT CORPORATION, sent to the Moab Committed to AFMSS for processing by ANITA JONES on 09/17/2010 (10AIJ0315AE)

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

PRICE FIELD OFFICE

PRICE. UT 84501

(435) 636-3600



Company: Well No: API No:

Bill Barrett Corporation

125 SOUTH 600 WEST

Prickly Pear Unit Federal 6-17D-12-15

43-007-50084

Surface Location: NENW-Sec 17-T12S-R15E

Lease No: Agreement: UTU-73668 UTU-79487H

OFFICE NUMBER:

(435) 636-3600

OFFICE FAX NUMBER:

(435) 636-3657

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Eng. Technician)	_	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 8 Date: 2/7/2011 Well: Prickly Pear Unit Federal 6-17D-12-15

DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DRILLING & PRODUCTION COAS

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- Bill Barrett Corporation (BBC) proposed the possibility of using several different grades of production casing (including N-80, I-80, I-100 and P-110). Per subsequent conversations with BBC, BBC stated only P-110 grade production casing will be used for this well. Therefore, use of N-80, I-80 and I-100 casing is not approved for use in this well, however the use of any of these grades may be requested in the future by sundry notice.
- A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.

VARIANCES GRANTED

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
 - 1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
 - 2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
 - 3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

Page 3 of 8 Date: 2/7/2011 Well: Prickly Pear Unit Federal 6-17D-12-15

STANDARD OPERATING REQUIREMENTS

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- The Price Field Office petroleum engineer will be notified 24 hours verbally prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H₂S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The
 closing unit controls shall remain unobstructed and readily accessible at all times, and choke
 manifolds shall be located outside of the rig substructure.
- BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office.
- A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the
 requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or
 the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or
 flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

Page 4 of 8 Date: 2/7/2011

Well: Prickly Pear Unit Federal 6-17D-12-15

STANDARD OPERATING REQUIREMENTS (cont.)

- Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.
- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging of the well (unless the plugging is to take place immediately upon receipt of oral approval), so that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

Page 5 of 8 Date: 2/7/2011 Well: Prickly Pear Unit Federal 6-17D-12-15

SURFACE USE CONDITIONS OF APPROVAL

Project Name: BBC Prickly Pear NW 17 Pad & NE 22 Pad

Operator: <u>Bill Barrett Corporation</u>

List of Wells:

Name	Number	Section	TWP/RNG
Prickly Pear Unit Federal Prickly Pear Unit Federal Prickly Pear Unit Federal	1-22D-12-15 2-22D-12-15 8-22D-12-15	22	12S/15E
Prickly Pear Unit Federal	3-17D-12-15 3A-17D-12-15 4-17D-12-15 4A-17D-12-15 5A-17D-12-15 6-17D-12-15 6A-17D-12-15 7A-17D-12-15	17	12S/15E

I To be followed as Conditions of Approval:

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

II Site Specific Conditions of Approval

- 1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact Don Stephens with the Price BLM Field Office @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- 2. BBC shall mulch trees as appropriate to increase the potential for reclamation success in planned surface disturbance areas. Mulching will be used to avoid the accumulation of large debris piles when clearing trees in these areas. Mulch shall not exceed 4 inches in depth when spread out for interim or final reclamation.

Page 6 of 8 Date: 2/7/2011 Well: Prickly Pear Unit Federal 6-17D-12-15

- 3. As many trees as possible shall be left to provide a buffer between the well pad and the canyon rim for visual screening.
- 4. The cuttings trench shall be lined.
- 5. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
- 6. The operator shall follow the attached Upper Colorado River Recovery Program guidance.
- 7. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
- 8. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
- 9. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

III Standard Conditions of Approval

A. General

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

B. Construction

- 1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
- 2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

Page 7 of 8 Date: 2/7/2011 Well: Prickly Pear Unit Federal 6-17D-12-15

C. Operations/Maintenance

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

D. Dry Hole/Reclamation

- 1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
- BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- 3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- 4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

E. Producing Well

- 1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
- 2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

F. Roads and Pipelines

- 1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide graveled travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
- The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
- 3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

Page 8 of 8 Date: 2/7/2011 Well: Prickly Pear Unit Federal 6-17D-12-15

Upper Colorado River Recovery Program

In addition, the applicant has agreed to have the Upper Colorado River Recovery Program (Recovery Program) serve as a conservation measure within the proposed action. The following paragraphs further clarify the Recovery Program's role.

In determining if sufficient progress has been achieved under the Recovery Program, we consider--a) actions which result in a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction; b) status of fish populations; c) adequacy of flows; and, d) magnitude of the Project impact. In addition, we consider support activities (funding, research, information, and education, etc.) of the Recovery Program if they help achieve a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction. We evaluate progress separately for the Colorado River and Green River Subbasins; however, it gives due consideration to progress throughout the Upper Basin in evaluating progress toward recovery.

Depletion impacts can be offset by--a) the water Project proponent's one-time contribution to the Recovery Program in the amount of \$18.99 per acre-foot of the Project's average annual depletion; b) appropriate legal protection of instream flows pursuant to State law; and, c) accomplishment of activities necessary to recover the endangered fishes as specified under the RIPRAP. We believe it is essential that protection of instream flows proceed expeditiously, before significant additional water depletions occur. As the project's peak annual new depletion of 289.78 acre-feet is below the current sufficient progress threshold of 4,500 acre-feet, Recovery Program activities will serve as the conservation measures to minimize adverse affects to the Colorado pikeminnow, razorback sucker, humpback chub, and bonytail and destruction or adverse modification of critical habitat caused by the project's new depletion.

With respect to (a) above (i.e., depletion charge), the applicant will make a one-time payment which has been calculated by multiplying the Project's peak annual depletion (289.78 acre-feet) by the depletion charge in effect at the time payment is made. For Fiscal Year 2010 (October 1, 2009, to September 30, 2010), the depletion charge is \$18.99 per acre-foot for the average annual depletion which equals a total payment of \$5,502 for this Project. A minimum of 10% of the total payment will be provided to the Service's designated agent, the National Fish and Wildlife Foundation (Foundation), at the time of issuance of the Federal approvals from the BLM, with the rest to be paid when construction commences. Fifty percent of the funds will be used for acquisition of water rights to meet the instream flow needs of the endangered fishes (unless otherwise recommended by the Implementation Committee); the balance will be used to support other recovery activities for the Colorado River endangered fishes. All payments should be made to the National Fish and Wildlife Foundation.

National Fish and Wildlife Foundation 1133 15th Street, NW Suite 1100 Washington, DC 20005

Each payment is to be accompanied by a cover letter that identifies the Project and biological opinion that requires the payment, the amount of payment enclosed, check number, and any special conditions identified in the biological opinion relative to disbursement or use of the funds (there are none in this instance). A copy of the cover letter and of the check is to be sent directly to the Service field office that issued the biological opinion. The cover letter shall identify the name and address of the payor, the name and address of the Federal Agency responsible for authorizing the Project, and the address of the Service office issuing the biological opinion. This information will be used by the Foundation to notify the payor, the lead Federal Agency, and the Service that payment has been received. The Foundation is to send notices of receipt to these entities within 5 working days of its receipt of payment.

Sundry Number: 15180 API Well Number: 43007500840000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. L	existing wells below current se APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500840000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D		NE NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 17	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	\square commingle producing formations	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
✓ SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud: 5/13/2011	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all per	tinent details including dates, depths,	volumes, etc.
		Oi	Accepted by the Utah Division of II, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE	J0J J1Z-011J	DATE	
N/A		5/18/2011	

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	mpany:	BILL BARR	RETT CORE	PORATIO	N	
Well Name		PRICKLY	PEAR U FE	D 6-17D-1	2-15	
Api No <u>:</u>	43-007-500	084	Lease Typ	e <u>FEI</u>	DERAL	
Section 17	Township_	12S Rai	nge <u>15E</u>	County	CARBON	
Drilling Con	itractor	TRIPLE A	DRILLING]	RIG #	
SPUDDE		05/13/2011	· [
	Time					
	How	DRY				
Drilling wi	II Commen	ce:				
Reported by_	· · · · · · · · · · · · · · · · · · ·	DOUG	SPROUL			
Telephone #		(303) 3	312-8174			
Date	05/16/2011	Signed_	CHD			

Carol Daniels - Prickly Pear 6-17D surface spud T175 RISE 5-17 43-007-50084

From:

Jody South

To:

Carol Daniels, Dennis Ingram, Marvin Hendricks, Walton Willis, Walton Willis

Date:

5/17/2011 8:40 AM

Subject: Prickly Pear 6-17D surface spud

CC:

Brady Riley, Doug Sproul, Tracey Fallang, Troy Schindler

This evening Bill Barrett Corp will use the Pro Petro No. 8 air rig to spud surface on the Prickly Pear 6-17D-12-15, API# 43-007-50084, then run casing and cement casing at approx. 1:00pm tomorrow afternoon.

Jody South

RECEIVED MAY 1 7 2011

DIV. OF OIL, GAS & MINING

Sundry Number: 15532 API Well Number: 43007500840000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE		FORM 9
	DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals.		7.UNIT OF CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500840000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		ONE NUMBER: 112-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 17	IP, RANGE, MERIDIAN: 'Township: 12.0S Range: 15.0E Meridian:	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	S CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	D DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	U TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date: 5/31/2011			
, ,	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	ompleted operations. Clearly show all pe ay Monthly Activity Report: W		, volumes, etc.
			Accepted by the
			Utah Division of
		C	il, Gas and Mining
		FO	R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER	TITLE Permit Analyst	
SIGNATURE	303 312-8115	DATE	
N/A		6/3/2011	

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

Bill Barrett Corporation

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO zip 80202 Phone Number: _(303) 312-8115

Well 1

API Number	Well	Well Name			Twp	Rng	County
4300750086	Prickly Pear Unit Federal 7A-17D-12-15		NENW	17	12S	15E	Carbon
Action Code	Current Entity Number	New Entity Number	S	Spud Date		Entity Assignment Effective Date	
AB	99999	14794	5	5/12/2011		5	/31/11
Comments: Spuc	Comments: Spudding Operation was conducted by Triple A Drilling at 8:00 am. W5m Vb BH = SWNE						

Well 2

API Number	Well	QQ	Sec	Twp	Rng	County	
4300750085	Prickly Pear Unit Federal 6A-17D-12-15		NENW	17	128	15E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment		
AB	99999	14794	5	5/12/2011		5/	31/11
Comments: Spuc	Iding Operation was cor	nducted by Triple A Dr BHL= SE		0 pm	·. ·· · · · · · · · · · · · · · · · · ·		<u> </u>

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300750084	Prickly Pear Unit Fed	deral 6-17D-12-15	NENW	17	128	15E	Carbon
Action Code	Current Entity Number	New Entity Number	s	Spud Date		Entity Assignment Effective Date	
*B	99999	14794	5	5/13/201	1	51	21/11
Comments:	dding Operation was co	nducted by Triple A D			<u> </u>	5/	<u>31/1/ </u>

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new Entitle IVED
- E Other (Explain in 'comments' section)

MAY 3 1 2011

Title	Date		
Permit Analyst	5/17/2011		
Signature			
Brady Riley			
Brady Riley			

Sundry Number: 16335 API Well Number: 43007500840000

				FORM 9		
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668					
SUNDE	RY NOTICES AND REPORT	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR				
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15				
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43007500840000				
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D	IMBER: 64 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL		COUNTY: CARBON				
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 17		STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION					
	☐ ACIDIZE		LTER CASING	☐ CASING REPAIR		
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	☐ CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	□ ғ	RACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	_	LUG AND ABANDON	□ PLUG BACK		
_	PRODUCTION START OR RESUME	_	ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:		_				
	☐ REPERFORATE CURRENT FORMATION		IDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
✓ DRILLING REPORT	☐ TUBING REPAIR	_	ENT OR FLARE	☐ WATER DISPOSAL		
Report Date: 6/30/2011	☐ WATER SHUTOFF	∐ s	I TA STATUS EXTENSION	☐ APD EXTENSION		
0/30/2011	☐ WILDCAT WELL DETERMINATION	□ 0	THER	OTHER:		
	mpleted operations. Clearly show all p ne 2011 Monthly Drilling Act			volumes, etc.		
			A	Accepted by the		
			l	Jtah Division of		
			Oil	l, Gas and Mining		
			FOF	R RECORD ONLY		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBE 303 312-8115	ER	TITLE Permit Analyst			
SIGNATURE			DATE			
N/A			7/1/2011			

TIAS RISE 5-17 43-007-50084

From:

Pat313 <pat313@billbarrettcorp.com>

To:

"caroldaniels@utah.gov" <caroldaniels@utah.gov>, "mhendric@blm.gov" <mhe...

Date:

7/11/2011 7:01 AM

Subject:

BOP TEST

ON PATTERSON #313 FOR BILL BARRETT CO.
WE WILL BE TESTING BOPS WITH REBEL TESTING
ON PRICKLY PEAR UNIT FEDERAL 6-17D-12-15 API#43-007-50084
ON 7/12/11 MORNING
IF ANY QUESTIONS OR CONCERNS PLEASE CALL
THANK YOU

BILL BARRETT CO. PATTERSON #313 303-353-5394 OR 970-309-0755

RECEIVED

JUL 1 2 2011

DIV. OF OIL, GAS & MITTING

TIASR ISE 5-17 API#43-007-50084

From:

Pat313 <pat313@billbarrettcorp.com>

To:

"caroldaniels@utah.gov" <caroldaniels@utah.gov>, "mhendric@blm.gov" <mhe...

Date:

7/16/2011 10:46 AM

Subject:

PAT # 313

BILL BARRETT CO. PATTERSON #313 303-353-5394 OR 970-309-0755

WE'RE APPROX. 24 HRS. FROM RUNNING 4.5" CASING & 30 HRS. FROM CEMENTING THE PRICKLY PEAR # 6-17D-12-15 WELL WITH PATTERSON RIG # 313.

API # 43-007-50084.

WE HAVE'NT EXPERIENCED ANY LOSSES OR MUCH GAS AT THIS POINT OF THE WELL (6783'). ANY QUESTIONS OR CONCERNS E-MAIL OR CALL ME AT ABOVE PHONE #'S.

THANKS ROBERT

RECEIVED
JUL 1 9 2011

DIV. OF OIL, GAS & MINING

Sundry Number: 1-6950 Approval of this: 43007500840000

Action is Necessary

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9	
	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668		
SUNDF	RY NOTICES AND REPORTS ON	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen exis ugged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15	
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500840000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D	PHONE N Denver, CO, 80202 303 312-81		9. FIELD and POOL or WILDCAT: NINE MILE CANYON	
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: CARBON	
0502 FNL 1472 FWL QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 17	IP, RANGE, MERIDIAN: 'Township: 12.0S Range: 15.0E Meridian: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	☐ CASING REPAIR	
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME	
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
✓ SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION	
Date of Work Completion: 7/25/2011	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK	
		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:		SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
		VENT OR FLARE	☐ WATER DISPOSAL	
DRILLING REPORT		SI TA STATUS EXTENSION	APD EXTENSION	
Report Date:		OTHER		
			OTHER: production facilities	
	OMPLETED OPERATIONS. Clearly show all pertinen Submitted to further clarify testin			
	ed by the BLM as well as final equ		r	
	ear NW 17 pad. See attached for		Approved by the	
			Utah Division of	
			Oil, Gas and Mining	
		D	ate: 08/16/2011	
			1 Jest Clant	
		В	y:	
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE		
Brady Riley	303 312-8115	Permit Analyst		
SIGNATURE N/A		DATE 7/26/2011		

Sundry Number: 16950 API Well Number: 43007500840000

General Well Testing

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

- 1) Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- 5) Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

Details specific to the Prickly Pear S2NE 21 pad are as follows:

Well Name			Lease		
Prickly Pear Unit Fed	API	Drill Phase ¹	UTU-	PA Boundary	Facilities (S2NE 21 pad)
5A-22D-12-15	4300750054	1	11604	In	
4A-22D-12-15	4300750053	1	11604	ln	
1-21D-12-15	4300750050	1	73670	ln	
8A-21D-12-15	4300750058	1	73670	In	1) All wells proposed on this pad are within the PA; 2) Liquids trucked to a central tank battery (CTB) on
2A-21D-12-15	4300750052	1	73670	In	the existing Prickly Pear 3-22 pad/CTB location. 3) One 12" inch buried gas line to the main tie-in was
2-21D-12-15	4300750051	1	73670	ln	laid (adjacent to the existing line). 4) Up to five low-profile 300 bbl tank may be located on the pad and up to 13 625-bbl and 400-bbl tanks
7A-21D-12-15	4300750056	1	73670	In	would be located on the CTB.
7-21D-12-15	4300750055	1	73670	In	
8-21D-12-15	4300750057	1	73670	In	
5A-22D-12-15	4300750054	1	11604	In	

²Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

Sundry Number: 16950 API Well Number: 43007500840000

Details specific to the Prickly Pear NW 17 pad are as follows:

Well Name Prickly Pear Unit Fed	API	Drill Phase ¹	Lease UTU-	PA Boundary	Facilities (NW 17 pad)
Trickly rear officered		Thuse		Doundary	racinces (NVV 17 pau)
7A-17D-12-15	4300750086	1	73006	In	
6A-17D-12-15	4300750085	1	73668	ln	
6-17D-12-15	4300750084	1	73668	In	1) All wells proposed on this pad are within the PA; 2) Liquids will be piped into a CTB on the SE 8 CTB, SE 7
3-17D-12-15	4300750079	1	73668	ln	CTB and Then piped on to the existing Prickly Pear 4-18 pad/CTB location. Three buried liquids lines were laid
3A-17D-12-15	4300750080	1	73668	In	from the pad to the 4-18 CTB (1-2" test line; 1-2" out of PA line; 1-6" in PA line). PA liquids from this pad would be combined with PA production from the existing 4-18
12A-17D-12-15	4300750087	1	73668	ln	pad wells and other future pad production and same process for non-PA liquids (combined separately from
5A-17D-12-15	4300750083	1	73668	ln	PA wells). 3) One 12 inch buried gas line to the main tie-in was
4-17D-12-15	4300750081	1	73668	ln	laid. 4) Up to ten 625-bbl and four 400-bbl tanks would be
4A-17D-12-15	4300750082	1	73668	ln	located on the 4-18 CTB. One 300 bbl low profile tank would be located on the SE 8 CTB. Up to ten 300 bbl
7A-18D-12-15	4300750136	1	73668	ln	low profile tanks on the SE 7 CTB. One low-profile 300 bbl tank would be located on the well pad.
8A-18D-12-15	4300750137	1	73668	ln	and the second of the second o
9A-18D-12-15	4300750138	1	73668	ln	

²Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

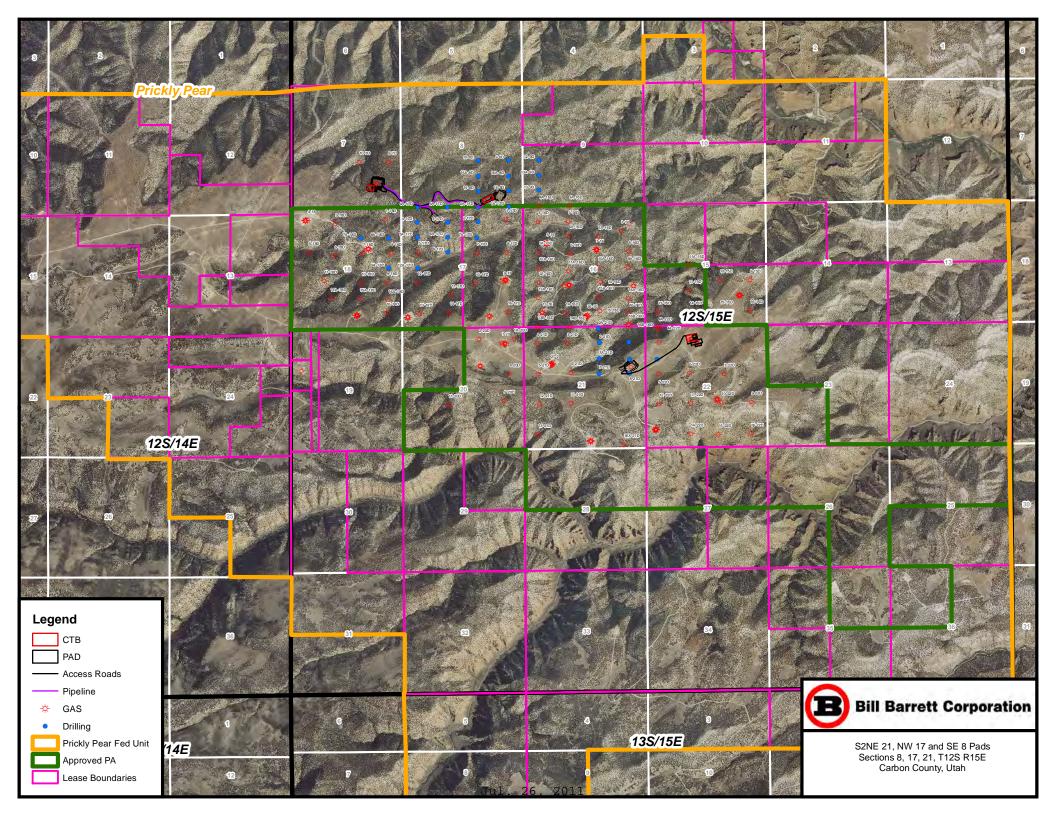
Sundry Number: 16950 API Well Number: 43007500840000

Details specific to the Prickly Pear SE 8 pad are as follows:

Well Name			Lease		
Prickly Pear Unit Fed	API	Drill Phase ¹	UTU-	PA Boundary	Facilities (SE 8 pad)
2-17D-12-15	4300750061	1	73006	Out	
2A-17D-12-15	4300750147	1	73006	Out	1) Wells proposed on this pad are a combination of PA
1A-17D-12-15	4300750062	1	73006	Out	and non-PA wells; 2) Liquids will be piped into a CTB on this pad and
15-8D-12-15	4300750060	1	73006	In	then piped on to the existing SE 7 then on to the Prickly Pear 4-18 pad/CTB location. Two buried liquids
15A-8D-12-15	4300750141	1	73006	In	lines were laid from the pad to the 4-18 CTB, one 6 inch In-PA and one 2 inch non-PA. PA liquids from this
16-8D-12-15	4300750059	1	73006	In	pad would be combined with PA production from the existing 4-18 pad wells and other future pad
16A-8D-12-15	4300750140	1	73006	In	production and same process for non-PA liquids (combined separately from PA wells).
10-8D-12-15	4300750145	1	73006	In	3) One 12 inch buried gas line to the main tie-in was laid.
9-8D-12-15	4300750146	1	73006	In	4) Up to ten 625-bbl and four 400-bbl tanks would be located on the 4-18 CTB. One 300 bbl low profile tank would be located on this pad CTB with up to ten 300
12-9D-12-15	4300750144	1	73006	In	bbl low profile tanks on the SE 7 CTB.
13A-9D-12-15	4300750142	1	73006	In	
13-9D-12-15	4300750143	1	73006	In	

²Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

For any questions you may have, please contact me at 303-312-8115.



			FORM 9
	STATE OF UTAH		Toki-15
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500840000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		IE NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 17	(P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: !	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:		RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR		☐ WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
7/1/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pert	inent details including dates, depths,	volumes, etc.
July 20	11 Monthly Drilling Activity Re	port attached.	·
			Accepted by the
			Utah Division of
			il, Gas and Mining
		FOR	R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE		DATE	
N/A		8/4/2011	



Prickly Pear Fed.	#6-17D-12-	15 7/12/201 ⁻	1 13:00 - 7/1	13/2011 06:00		
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-50084			West Tavaputs		1,025.0	Drilling & Completion
Time Log Summary						
01/10 01:10 TO 1:5:11/11/51				·- · - · · · · · · · · · · · · · · · ·		

SKID SUB TO NEW WELL & CENTER & LEVEL SUB - 3, NIPPLE UP BOP & CHOKE & FLOW LINE - 2, TEST BOP EQUIPMENT WITH CALEB HOLMES OF REBEL TESTING - BLIND & PIPE RAMS - HCR VALVE & CHOKE MANIFOLD - I BOP & FLOOR VALVE - KILL LINE & KILL LINE CHECK - INSIDE CHOKE LINE VALVES - PRIMARY & SECONDARY VALVES - DART VALVE & FLOOR VALVE TO 250 / 5000 PSI FOR 5/10 MIN - ANNULAR TO 250/2500 PSI FOR 5/10 MIN - SUPER CHOKE & MANUAL CHOKES TO 500 PSI FOR 5 MIN - CASING TO 1500 PSI FOR 30 MIN - HAD TWO LEAKS & HAD TP REPLACE 1 MANUAL CHOKE VALVE & CHECK VALVE THAT WOULD'NT TEST. - 6, REPLACE KILL LINE VALVE & CHECK VALVE - 3.5, TEST CHECK VALVE & KILL LINE VALVE - 1, CLEAN CEMENT OUT OF FLOW LINE - 1, PICKUP DIRECTIONAL TOOLS - 0.5

www.peloton.com Page 1/1 Report Printed: 8/3/2011 RECEIVED Aug. 04, 2011

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668		
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.	TO 7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500840000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D	Denver, CO, 80202 303 3	PHONE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTIO	N
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORM	ATIONS CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
10/31/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
AS DESCRIPT PROPOSED OF SO	MPLETED OPERATIONS. Clearly show all pe	-	,
	2011 monthly drilling activity		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 11/4/2011	



3.00 16:00

14.00 06:00

LOGG Logging

Lock Wellhead & Secure

LOCL

13:00

16:00

Prick	ly Pear I	Fed. #	#6-17D	-12-1	5 10/5/2011	06:00	- 10/	5/2011 06:0	00			
API/UWI		1	State/Province	Province County Field Name				Well Status		Total Depth (ftKB)		Primary Job Type
43-007-5	50084				West Ta		vaputs				1,025.0	Drilling & Completion
Time Lo	g											
Start Time	Dur (hr)	End Time	Code		Category					Com		
06:00	7.00	13:00	LOGG	Logging	1		Run pulse	e nutron density lo	og			
Prick	Prickly Pear Fed. #6-17D-12-15 10/18/2011 06:00 - 10/19/2011 06:00											
API/UWI		;	State/Province	е	County	Field Name		Well Status		Total Depth (ftKB)		Primary Job Type
43-007-5	50084					West Ta	ıvaputs				1,025.0	Drilling & Completion
Time Lo	g											
Start Time	Dur (hr)	End Time			Category		Com					
06:00	1.00	07:00	PTST	Pressur	e Test		Test frac tree to 9000 and csg to 8500 held ok					
07:00	23.00	06:00	LOCL	Lock W	ellhead & Secure		Welli secure					
Prick	ly Pear I	Fed. #	6-17D	-12-1	5 10/29/201	1 06:0	0 - 10	0/30/2011 06	6:00			
API/UWI		;	State/Province	е	County	Field Name		Well Status		Total Depth (ftKB)		Primary Job Type
43-007-5	50084					West Ta	vaputs				1,025.0	Drilling & Completion
Time Lo	g											
Start Time	Dur (hr)	End Time	Code		Category		_			Com		
06:00	7.00	13:00	LOCL	Lock W	ellhead & Secure		WSI					

Well secure

RU Cutters Wireline unit RIH perform CBL

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	c	
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668		
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen Igged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500840000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		NE NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 17	(P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: !	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Bute of Work completion.	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	□ VENT OR FLARE	□ WATER DISPOSAL
✓ DRILLING REPORT	□ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date: 10/31/2011		_	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all pert 2011 monthly drilling activity r		volumes, etc.
			Accepted by the
			Utah Division of
		Oi	il, Gas and Mining
		FOI	R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE		DATE	
N/A		11/4/2011	



Prick	ly Pear I	⁼ ed. #	6-17D	-12-1	5 10/5/201	1 06:00	- 10/	5/2011 06:00			
PI/UWI		5	State/Province	Э	County	Field Name	9	Well Status	Total Depth (ftKB)		Primary Job Type
3-007-5	0084					West Ta	avaputs			1,025.0	Drilling & Completion
ime Lo	g										
art Time	Dur (hr)	End Time	Code		Category				Com		
6:00	7.00	13:00	LOGG	Logging			Run pulse	e nutron density log			
rick	ly Pear F	ed. #	6-17D	-12-1	5 10/18/20	11 06:0	0 - 10	0/19/2011 06:	00		
PI/UWI	-		State/Province)	County	Field Name	9	Well Status	Total Depth (ftKB)		Primary Job Type
3-007-5	0084					West Ta	avaputs			1,025.0	Drilling & Completion
me Lo	g	•				•			•		
art Time	Dur (hr)	End Time	Code		Category				Com		
6:00	1.00	07:00	PTST	Pressur	e Test		Test frac	tree to 9000 and cso	g to 8500 held ok		
7:00	23.00	06:00	LOCL	Lock W	ellhead & Secure		WellI sec	ure			
Prick	ly Pear F	ed. #	6-17D	-12-1	5 10/29/20	11 06:0	0 - 10	0/30/2011 06:	00		
PI/UWI		5	State/Province	9	County	Field Name		Well Status	Total Depth (ftKB)		Primary Job Type
3-007-5	0084					West Ta	avaputs			1,025.0	Drilling & Completion
me Lo	g										
tart Time	Dur (hr)	End Time	Code		Category				Com		
6:00	7.00	13:00	LOCL	Lock W	ellhead & Secure		WSI				
3:00	3.00	16:00	LOGG	Logging			RU Cutte	rs Wireline unit RIH	perform CBL		
5:00	4400	06:00	LOCL	Look M	ellhead & Secure		Well secu	ıro			

SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE SITE OF UTAH SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE SITE OF THE PROPERTY OF THE PROP				
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current. DRILL form for such proposals. Do not use this form for proposals to drill new wells, significantly deepen existing wells below current. DRILL form for such proposals. Do not use this form for proposals to drill new wells, significantly deepen existing wells below current. DRILL drive for first proposals. Do not use this form for proposals to drill new wells, significantly deepen existing wells below current. PRICKLY PREAD AND CONTROL TO THE PRICKLY PREAD AND CONTROL		STATE OF UTAH		FORM 9
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hold depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO PRICKLY PEAR PRI		DEPARTMENT OF NATURAL RESOURCES		
DOTOLT-HOLD depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMITT TO PARLIC. The Process of County of Parlic. Process of Parlic.	SUNDF	RY NOTICES AND REPORTS (ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Sas Well 2. NAME OF DERATOR:	bottom-hole depth, reenter plu	ugged wells, or to drill horizontal laterals. Us		
3. ADDRESS OF OPERATOR: PHONE NUMBER: STREET STORY STREET STR				
1.093 IBHI Street Size 2300 , Deriver, CO, 80202 303 312-8164 Ext NINE MILE CANYON 1.4 OLOCATION OF WELL 1.5 ORDIVERS A STATE: 1.1 OLECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1.1 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1.2 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1.4 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1.5 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1.6 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1.7 VPE OF SUBMISSION 1.6 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1.7 VPE OF SUBMISSION 1.7 VPE OF ACTION 1.7 VPE OF				
OSOL PIN. 1277. PIUL OSOL P				
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE	FOOTAGES AT SURFACE:			
TYPE OF SUBMISSION TYPE OF ACTION ACTOIZE				I i
ACIDIZE ALTER CASING CASING REPAIR	11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
NOTICE OF INTENT CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME	TYPE OF SUBMISSION		TYPE OF ACTION	
Approximate date work will start: Subsequent report Date of Work Completion: 11/13/2011 DEEPEN FRACTURE TREAT NEW CONSTRUCTION SPUID REPORT Date of Spuid: RECAMATION PLIG BACK RECAMATION PLIG BACK RECOMPLETE DIFFERENT FORMATION DRILLING REPORT WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION DRILLING REPORT WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION DRILLING REPORT WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION This sundry is to report that this well had first sales on 11/13/2011. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY NAME (PLEASE PRINT) PHONE NUMBER TITLE Permit Analyst Permit Analyst SIGNATURE DATE		ACIDIZE [ALTER CASING	CASING REPAIR
SUBSCIPIES PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This sundry is to report that this well had first sales on 11/13/2011. ACCEPTED DEFENDATION COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This sundry is to report that this well had first sales on 11/13/2011. NAME (PLEASE PRINT) Brady Riley 303 312-8115 COMMENDE NUMBER COMMENDE NEW CONSTRUCTION NEW CONSTRUCTION NEW CONSTRUCTION NEW CONSTRUCTION NEW CONSTRUCTION DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This sundry is to report that this well had first sales on 11/13/2011. ACCEPTED DEFENDATION APPLIES NEW CONSTRUCTION NEW CONSTRUCTION NEW CONSTRUCTION DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This sundry is to report that this well had first sales on 11/13/2011. ACCEPTED DEFENDATION APPLIES NEW CONSTRUCTION NE		☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Date of Work Completion: 11/13/2011 OPERATOR CHANGE PIUG AND ABBANDON PIUG AND ABBAND	Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
OPERATOR CHANGE	✓ SUBSEQUENT REPORT	DEEDEN	FRACTURE TREAT	NEW CONSTRUCTION
SPUD REPORT Date of Spud: PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON TUBLING REPORT WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION WILDCAT WELL DETERMINATION OTHER OTHER: 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This sundry is to report that this well had first sales on 11/13/2011. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY NAME (PLEASE PRINT) Brady Riley 303 312-8115 PHONE NUMBER Permit Analyst SIGNATURE DATE			_	
Date of Spud: Reperforate current formation Sidetrack to Repair Well. Temporary abandon Tubing Repair Vent or Flare Water Disposal. Water Shutoff Si ta Status extension App extension Wildcat Well Determination Other Other: 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This sundry is to report that this well had first sales on 11/13/2011. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY NAME (PLEASE PRINT) PHONE NUMBER Permit Analyst Brady Riley 303 312-8115 Permit Analyst SIGNATURE DATE			_	
DRILLING REPORT Report Date: WATER SHUTOF			–	
DRILLING REPORT Report Date: WATER SHUTOFF			_	
NAME (PLEASE PRINT) Brady Riley NOTHER WATER SHUTOFF WILLDCAT WELL DETERMINATION OTHER O	DRILLING BEDORT		── VENT OR FLARE ── ──	☐ WATER DISPOSAL ☐
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This sundry is to report that this well had first sales on 11/13/2011. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY NAME (PLEASE PRINT) Brady Riley 303 312-8115 PHONE NUMBER TITLE Permit Analyst SIGNATURE DATE		☐ WATER SHUTOFF	SI TA STATUS EXTENSION	☐ APD EXTENSION
This sundry is to report that this well had first sales on 11/13/2011. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY NAME (PLEASE PRINT) Brady Riley 303 312-8115 PHONE NUMBER Permit Analyst SIGNATURE DATE		☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY NAME (PLEASE PRINT) Brady Riley 303 312-8115 PHONE NUMBER Permit Analyst SIGNATURE Date	12. DESCRIBE PROPOSED OR CO	 DMPLETED OPERATIONS. Clearly show all perti	nent details including dates, depths,	volumes, etc.
NAME (PLEASE PRINT) Brady Riley 303 312-8115 Utah Division of Oil, Gas and Mining FOR RECORD ONLY TITLE Permit Analyst SIGNATURE DATE	This sundry is to	o report that this well had first	sales on 11/13/2011.	
NAME (PLEASE PRINT) Brady Riley 303 312-8115 Utah Division of Oil, Gas and Mining FOR RECORD ONLY TITLE Permit Analyst SIGNATURE DATE				A
Oil, Gas and Mining FOR RECORD ONLY NAME (PLEASE PRINT) Brady Riley 303 312-8115 PHONE NUMBER Permit Analyst SIGNATURE DATE				Accepted by the
FOR RECORD ONLY NAME (PLEASE PRINT) Brady Riley 303 312-8115 PHONE NUMBER Permit Analyst SIGNATURE DATE				
NAME (PLEASE PRINT) Brady Riley 303 312-8115 PHONE NUMBER Permit Analyst SIGNATURE DATE				•
Brady Řiley 303 312-8115 Permit Analyst SIGNATURE DATE			FUF	RECORD ONLY
Brady Řiley 303 312-8115 Permit Analyst SIGNATURE DATE				
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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: BILL BARRETT CORP BILL BARRETT CORP BILL BARRETT CORP SLEASE DESIGNATION AND SERIAL NUMBER: 7. UNIT or CA AGREEMENT NAME: PRICKLY PEAR 8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: BILL BARRETT CORP BILL BARRETT CORP 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT OF CA AGREEMENT NAME: PRICKLY PEAR 8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO PRICKLY PEAR 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: BILL BARRETT CORP BILL BARRETT CORP TOWNT or CA AGREEMENT NAME: PRICKLY PEAR UMBER: 43007500840000
bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: BILL BARRETT CORP 9. API NUMBER: 43007500840000
Gas Well 2. NAME OF OPERATOR: BILL BARRETT CORP PRICKLY PEAR U FED 6-17D-12-15 9. API NUMBER: 43007500840000
BILL BARRETT CORP 43007500840000
3. ADDRESS OF OPERATOR: PHONE NUMBER: 9. FIELD and POOL or WILDCAT: NINE MILE CANYON NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 17 Township: 12.0S Range: 15.0E Meridian: S UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION
☐ ACIDIZE ☐ ALTER CASING ☐ CASING REPAIR
□ NOTICE OF INTENT □ CHANGE TO PREVIOUS PLANS □ CHANGE TUBING □ CHANGE WELL NAME
Approximate date work will start: CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE
SUBSEQUENT REPORT DEEPEN FRACTURE TREAT NEW CONSTRUCTION
Date of Work Completion: PRACTORE IREAL NEW CONSTRUCTION OPERATOR CHANGE PLUG AND ABANDON PLUG BACK
☐ PRODUCTION START OR RESUME ☐ RECLAMATION OF WELL SITE ☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Soud:
✓ DRILLING REPORT ✓ VENT OR FLARE ✓ WATER DISPOSAL
Report Date:
11/30/2011 U WILDCAT WELL DETERMINATION OTHER: OTHER:
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. November 2011 Monthly Drilling Activity report attached.
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
NAME (PLEASE PRINT) Brady Riley PHONE NUMBER Permit Analyst TITLE Permit Analyst
SIGNATURE DATE N/A 12/5/2011



API/UWI			State/Province	ce County	Field Name	Well Status Total Depth (ftKB) Primary Job Type							
43-007-50					West Tavaputs	1,025.0 Drilling & Completion							
Time Log	Dur (hr)	End Time	Code	Category		Com							
06:00	10.00		LOCL	Lock Wellhead & Secure	e SI.	Con							
16:00		17:00	SRIG	Rig Up/Down		S & Cutters on well. Nipple up frac Y.							
17:00	1.50	18:30	PFRT	Perforating	Cutters depth P	Cutters EL stage 1 Price River. PU 8 ft. perf gun RIH correlate to short jt. run to perf depth Perforate @ 7600-7602, 7568-7570, 7558-7560 & 7543-7545. 3 SPF, 120 phasing, 23 gram charge350 holes. POOH turn well over to frac.							
18:30	1.00	19:30	FRAC	Frac. Job	Wellhea Pressur CO2 Ra Sand in Cooldov	ac stage 1 Price River 70Q foam frac. load & Break @ 3997 PSI @ 15 BPM. Avg ad Rate:34.6 BPM. Avg Slurry Rate:14.5 BPM. Avg CO2 Rate:18 BPM. Avg e: 5812 PSI. Max Wellhead Rate: 35.5 BPM. Max Slurry Rate: 15.9 BPM. Max ate: 20.3 BPM. Max Pressure: 6037 PSI. Total Fluid Pumped:18,315 gal. Total Formation: 76,300 lb.(20/40 White) Linde CO2 Downhole:109 ton. CO2 wn: 5 ton. ISIP:2,845 PSI. Frac Gradient: 0.82 psi/ft. Successfully flushed with 50Q foam 50 bbl over flush with 1000 gal. fluid cap.							
19:30	1.00	20:30	PFRT	Perforating	jt. run to 7456, 74	Cutter EL stage 2. Price River. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7500 ft. PU. Pressure up casing. Perforate @ 7454-7456, 7424-7426, 7398-7400 & 7376-7378, 3 SPF. 120 phasing. 23 gram charge350 holes. POOH turn well over to frac.							
20:30		21:30	FRAC	Frac. Job	Avg We Avg Pre Max CC total Sal Cooldov wellbore and had	ac stage 2 Price River 70Q foam frac. Load & Break @4092 PSI @ 15.5 BPM. Bellhead Rate: 34.5 BPM. Avg Slurry Rate:14.5 BPM. Avg CO2 Rate:18 BPM. Bessure:5902 PSI. Max Wellhead Rate:35.6 BPM. Max Slurry Rate: 15.9 BPM. D2 Rate:20.3 BPM. Max Pressure: 6436 PSI. Total fluid Pumped: 20,231 gal. and in Formation: 88,000 lb.(20/40 White) Praxair CO2 Downhole:121 ton. CO2 wn: 6 ton. ISIP: 3,077 PSI. Frac Gradient: 0.86 psi/ft. Successfully flushed a with 50Q foam 50 bbl over flush with 500 gal.fluid cap.Lost grizzly during flushed to restart and it kicked out again. flushed job.							
21:30		23:00	PFRT	Perforating	pump trools. SI								
23:00		06:00	LOCL	Lock Wellhead & Secure	testing.	S work on pump truck & looking for back up pump for AM. Got truck started. rur							
	y Pear I			D-12-15 11/9/201									
API/UWI 43-007-5(0084	1	State/Province	ce County	Field Name West Tavaputs	Well Status Total Depth (ftKB) Primary Job Type 1,025.0 Drilling & Completion							
Time Log		<u> </u>			Wood Tavapato	1,020.0 Diming a complete							
Start Time	Dur (hr)	End Time		Category		Com							
06:00	6.00	12:00	LOCL	Lock Wellhead & Secure	e SICP: 2	800							
12:00	1.25	13:15	PFRT	Perforating	short jt. 7180-71	El stage 3 Dark Canyon. PU HES CFp with 14 ft. perf guns. RIH correlate to run to setting depth set CFP @ 7240 ft. PU. Pressure up casing. Perforate @ 182, 7172-7174, 7148-7154, 7132-7134 & 7087-7089. 3 SPF.120 phasing. 23 narge350 holes. POOH turn well over to frac.							
13:15		13:30	SMTG	Safety Meeting	PPE.	Meet. Fracs, chems. CO2, Flow back, Wire line. pressure & flow lines. H2S.							
	1.50	15:00	FRAC	Frac. Job	Avg We	ic stage 3 Dark Canyon 70Q foam frac. Load & Break @ 4214 PSI @ 18.3 BPM ellhead Rate:38.3 BPM. Avg Slurry Rate:15.5 BPM. Avg CO2 Rate:20.8 BPM. essure: 7194 PSI. Max Wellhead Rate: 39.5 BPM. Max Slurry Brate:16.8 BPM.							
13:30					Max CC Total Sa Cooldov 3ppg dro	Do Rate: 23.7 BPM. Max Pressure: 8171 PSI. Total Fluid Pumped: 20,085 gal. and in Formation: 70,100 lb.(20/40 White) linde CO2 Downhole: 132 ton. CO2 wn: 5 ton. ISIP: /PSI. Frac Gradient:/ psi/ft. Pressure rise on 3# stage. stayed in copping rates on CO2 & fluid to mantain pressure but could not keep pressure but sand by 480 sacks. pumped 60% of frac design.							
15:00	1.25	16:15	PFRT	Perforating	Max CC Total Sa Cooldov 3ppg dru down. c Cutters short jt. 7001-70	D2 Rate: 23.7 BPM. Max Pressure: 8171 PSI. Total Fluid Pumped: 20,085 gal. and in Formation: 70,100 lb.(20/40 White) linde CO2 Downhole: 132 ton. CO2 wn: 5 ton. ISIP: /PSI. Frac Gradient:/ psi/ft. Pressure rise on 3# stage. stayed in opping rates on CO2 & fluid to mantain pressure but could not keep pressure							

Time Lo																
Start Time	Dur (hr)	End Time		D	Category		0.44	-4 5 N - 2	ham DUUT	Com	0.4					
17:15	1.25	18:30	PFRT	Perfora	ting		jt. run to s 6298, 628 holes. PO	etting depth set 86-6288, 6145- Oh turn well ove	CFP @6360 6147 & 6004- er to frac.	ft. PU press 6008, 3 SPF	0 ft. perf guns. RIH ure up casing. Perf , 120 phasing, 23 g	forate @ 6296- gram charge350				
18:30	1.00	19:30	FRAC	Frac. Jo	ob		HES frac stage 5 North horn 50Q foam frac. Load & Break @ 3959 PSI @ 18.1 BPM. Avg Wellhead Rate:35.6 BPM. Avg Slurry Rate:21.5 BPM. Avg CO2 Rate:12.1 BPM. Avg Pressure: 5057 PSI. Max Wellhead Rate: 36.8 BPM. Max Slurry Rate: 23 BPM. Max CO2 Rate:15.2 BPM. Max Pressure: 5984 PSI. Total Fluid Pumped:22,942 gal. Total Sand in Formation: 68,000 lb.(20/40 White) Praxair CO2 Downhole: 78 ton. CO Cooldown: 7 ton. ISIP: 3,208 PSI. Frac Gradient: 0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal. fluid cap. Problems with grizzly #28 transducer. leaky seal. Rate was all over the place using 506 pump. shut it down after pad.									
19:30	1.00	20:30	PFRT	Perfora	ting		jt. run to s 5906, 58	etting depth set	CFP @ 5450 5808 & 5630-	ft. PU.Press	ft. perf guns. RIH o sure up casing. Perf .120 phasing. 23 gr	forate @ 5904-				
20:30	1.00	21:30	FRAC	Frac. Jo	ob		HES frac stage 6 North Horn 50Q foam frac. Load & BreaK @ 3294 PSI@ 18.5 BPM. Avg Wellhead Rate:40.6 BPM. Avg Slurry Rate:24.5 BPM. Avg CO2 Rate: 13.7 BPM. Avg Pressure: 5109 PSI. Max Wellhead Rate: 41.6BPM. Max Slurry Rate: 26.3 BPM. Max CO2 Rate: 16.7 BPM. Max Pressure:6079 PSI. Total Fluid Pumped:31,102 Gal. Total Sand in Formation:102,200 lb.(20/40 White) Linde CO2 Downhole:106 ton. CO2 Cooldown:8 ton. ISIP: 3,293 PSI. Frac Gradient: 1.01 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.									
21:30	1.00	22:30	PFRT	Perfora	ting		jt. run to s 5099, 497	etting depth set	CFP @ 5150 -4802, 3 SPF	ft. PU.Press	ft. perf guns. RIH c sure up casing. Per g. 23 gram charge.	forate @ 5095-				
22:30	1.00	23:30	FRAC	Frac. Jo	bb		HES frac stage 7 North Horn 50Q foam frac. Load & Break @3362 PSI @ 18 BPM. Avg Wellhead Rate: 35.3 BPM. Avg Slurry Rate:24.9 BPM. Avg CO2 Rate: 8.4 BPM. Avg Pressure: 4236 PSI. Max Wellhead Rate:36.2 BPM.Max Slurry Rate:26.4 BPM. Max CO2 Rate: 11.1BPM. Max Pressure: 4898 PSI. Total fluid Pumped:28,285 gal. Total Sand in Formation:78,200 lb.(20/40 White) Linde CO2 Downhole:64 ton CO2 Cooldown: 5 ton ISIP: 2,555 PSI. Frac Gradient: 0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 1000 gal.fluid cap.									
23:30	6.50	06:00	LOCL	Lock W	ellhead & Sec	ure	SIFN									
								/11/2011 0	16:00							
API/UWI	iy Feai		State/Province			Field Name		Well Status	70.00	Tatal Danth (ft)	D) Drive en . In	ah Tima				
43-007-5		,	State/P10VIIIC	e	County	West Ta		vveii Status		Total Depth (ftK	B) Primary Jo 1,025.0 Drilling					
Time Lo	<u> </u>															
Start Time	Dur (hr)	End Time		11- \//	Category		01			Com						
06:00		12:00	LOCL		ellhead & Sec	ure	SI		=							
12:00	1.75	13:45	PFRT	Perfora	ting		Cutters EL stage 8 M. Wasatch. PU HES CFP with 10 ft. perf guns RIH correlate to short jt. POOH to make repair on valve Broke shear pin in frac valve. RIH correlate to short jt. run to setting depth set CFP @ 4530 ft. PU. Pressure up casing. Perforate @ 4476-4478, 4460-4462, 4385-4389 & 4308-4310. 3 SPF, 120 phasing, 23 gram charge350 holes. POOH turn well over to frac.									
13:45	0.25	14:00	SMTG	Safety I	Meeting		Safety me	et. Frac. Flow b	ack. flow line	s. CO2. Wire	e line. Moving frac	to next well.				
14:00		15:00	FRAC	Frac. Jo			HES frac stage 8 middle Wasatch 40Q foam frac. Load & Break @3102 PSI @ 18 BPM. Avg Wellhead Rate:40.3 BPM. Avg Slurry Rate: 28.5 BPM.Avg CO2 Rate:9.6 BPM. Avg Pressure: 3595 PSI. Max Wellhead Rate: 42.8 BPM Max Slurry Rate:30.4 BPM. Max CO2 Rate: 13.1 BPM. Max Pressure:4489 PSI. Total Fluid Pumped:39,659 gal. Total Sand in Formation:122,300 lb.(20/40 White) Linde CO2 Downhole:94 ton. CO2 Cooldown:7 ton. ISIP:2,004 PSI. Frac Gradient:0.90 psi/ft. Successfully flushed wellbore with 50Q foam10 bbl over flush with 500 gal. fluid cap.									
15:00	2.00	17:00	SRIG	Rig Up/	Down		SI Move e	quipment to 6A	-17D.							
17:00	13.00	06:00	FBCK	Flowba	ck Well		Flow back	stage 1-8 Tota	al fluid to reco	ver 4995 bbl.						
Prick	ly Pear I	Fed. #	#6-17D	-12-1	5 11/26/2	2011 06:0	0 - 11	/27/2011 0	06:00							
API/UWI			State/Province		County	Field Name	е	Well Status		Total Depth (ftK						
43-007-5	0084					West Ta	avaputs				1,025.0 Drilling	& Completion				



Time Log													
Start Time	Dur (hr)	End Time	Code	Category	Com								
06:00	24.00	06:00	DOPG	, and the second	Drill out CFTFPs using CTS 2" CTU and Quality Energy Services Motor and Drilling BHA Drilled out 7 - 4 1/2" HES - CFTFP's cleaned out to 7709' circulated hole clean POOH rig down move to next well in line, Flow to sales after nitriogen cleans out								

www.peloton.com Page 3/3 Report Printed: 12/5/2011
RECEIVED Dec. 05, 2011

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	CES	
	DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deeper gged wells, or to drill horizontal laterals.		7.UNIT OF CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500840000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 17	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	SLEASE DESIGNATION AND SERIAL NUMBER: UTU 73668 ON WELLS EXISTING WEllS DELOW CUTTENT OF APPLICATION FOR PERMIT TO PRICKLY PEAR S. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15 9. API NUMBER: 43007500840000 E NUMBER: -8164 Ext STATE: UTAH E NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION ALTER CASING COMMY: CASING REPAIR CHANGE UBLING COMMISSION PLUG BACK PRACTURE TREAT PLUG AND ABANDON PLUG BACK RECLAMATION OF WELL SITE SIDETRACK TO REPAIR WELL VENT OR FLARE SIT A STATUS EXTENSION OTHER ACCEPTED BY THE COMMISSION OTHER TITLE	
Approximate date work will start:	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Dute of from completions	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	□ VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date: 12/31/2011	☐ WILDCAT WELL DETERMINATION	_	
	propertions. Clearly show all pet the December 2011 drilling i		volumes, etc.
			Accepted by the
		0	il, Gas and Mining
		FOI	R RECORDONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 1/5/2012	



11:00 CTRL

Crew Travel

11:00

Prick	ly Pear I	Fed. #	6-17D	-12-15 12/6/	2011 06:00	- 12/	7/2011 06:0	0					
API/UWI		S	State/Provinc	e County	Field Name		Well Status		Total Depth (ftKB)		Primary Job Type		
43-007-5					West Ta	avaputs 1,025.0 Drilling & Completion							
Time Lo	g												
Start Time	Dur (hr)	End Time		Catego	ory				Com				
06:00	06:00 24.00 06:00 WLWK Wireline Run Production logs using Protechnics and Superior Slickline tagged at 7641' (PBTD 7709') will run log from 7620' up Continue to flow to sales thru log run time, flow to sales after log up tubing turned back over to production												
Prickly Pear Fed. #6-17D-12-15 12/9/2011 00:00 - 12/10/2011 06:00													
API/UWI		S	State/Provinc	e County	Field Name		Well Status		Total Depth (ftKB)		Primary Job Type		
43-007-5					West Ta	avaputs				1,025.0	Drilling & Completion		
Time Lo													
Start Time	Dur (hr)	End Time		Catego	ory	Com							
00:00	1.00	01:00	CTRL	Crew Travel		CREW TRAVEL. HOLD SAFETY MEETING.							
01:00	3.00	04:00	ВОРІ	Install BOP's		LOWER VALVE ON FRAC TREE LEAKING. N/U SNUBBING UNIT ON UPPER VALVE. SPOT PIPE RACK'S. LOAD TBG ON RACK'S & TALLY.							
04:00	4.00	08:00	TRIP	Tripping			2-3/8 TBG & XN- I NEW 2-3/8 L-80 T			-	TTOM OF JT. RIH W/ TOTAL.		
08:00	2.00	10:00	SRIG	Rig Up/Down			BBING UNIT. N/D BG. R/D RIG & EC			_	3 BBL'S WATER		
10:00	1.00	11:00	GOP	General Operations		EQUALIZE WELL. OPEN CSG TO SALE'S LINE. SITP- 360. 5 MIN SIP- 400. BLEED DOWN TBG, PLUG GONE. OPEN TBG TO SALE'S. SDFN.							

CREW TRAVEL.

	STATE OF UTAH		FORM 9		
ι	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73668		
SUNDR	Y NOTICES AND REPORTS ON	I WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	posals to drill new wells, significantly dee eenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 6-17D-12-15		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500840000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0502 FNL 1472 FWL			COUNTY: CARBON		
QTR/QTR, SECTION, TOWNSH	IIP, RANGE, MERIDIAN: I7 Township: 12.0S Range: 15.0E Meridian	: S	STATE: UTAH		
11. CHECI	APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
7/31/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	7/31/2012 OPERATOR CHANGE PLUG AND ABANDO PUD REPORT PRODUCTION START OR RESUME RECLAMATION OF W	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
		OTHER	OTHER: pit closure		
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all p	ertinent details including dates d			
	on the above referenced well INW 17 pad on 7/31/2012.	_	Accepted by the Utah Division of		
			Oil, Gas and Mining		
			FOR RECORD ONLY		
			August 29, 2012		
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE			
Megan Finnegan	303 299-9949	Permit Analyst			
SIGNATURE N/A		DATE 7/31/2012			

Form 3160-4	
(Anonal 200)	n

UNITED STATES

FORM APPROVED

Constitution of the second

•						MANAG	EKIUK EMENT	ι	+ ₄ .						1004-0137 ly 31, 2010	
	WELL	COMP	LETION (OR RE	COM	PLETIC	ON REF	PORT	AND LO	G ,			case Serial UTU73668	No.		
la. Type o		Oil Wel	_		D Dr										or Tribe Name	
b. Type c	of Completion	n SSI	New Well For	☐ Wor	k Over	O D	eepen	☐ Plug	g Back	Diff. R	lesvr.	7. T	Init or CA	Aoreen	nent Name and No.	
2. Name o	f Operator					nata da N	EGAN FI	MUCO	AN				JTU79487	H	2.28	
BILL B	SARRETT C			-Mall: n	nfinneg	en@billb	arrettcon	o.com				8. I	ease Name PRICKLY I	and W PEAR	'en No. UNIT FEDERAL 6-17:	D-12-15
	DENVER	t, CO 80	ha di di				Ph: 3	303-29	o. (include are 9-9949	ca code))	9. A	PI Well No).	43-007-50084	
4. Location At surfi			tion clearly a L 1472FWL	nd in acc	ordance	with Fed	eral requir	ements)*			10.	Field and P PRICKLY I	ool, or PEAR	Exploratory	
			L 14/2FVVL below SEN	NA/ 1904	IENI 4	ODOEWA						11.	Sec., T., R.,	M., o	Block and Survey 112S R15E Mer SLB	
			2FNL 2056F		IL LAIP 1	POULTYL						12.	County or I		13. State	
14. Date S 05/13/2	pudded		15. D	ate T.D.		1			Completed				CARBON Elevations	DF. K	B, RT, GL)*	
				/17/201	7		[] D & 11/13	A 🔀 Res 3/2011	dy to P	rod.		74	18 GL	,	
18. Total I		MD TVD	7760 7356			g Back T		MD TVD	7698 7306		20. Deg	th Br	idge Plug S	st:	MD TVD	
21. Type I CBL, T	dectric & Ot RIPLE CO	her Mechi VBO, BO	mical Logs R REHOLE, N	un (Subr	nit copy	of each)			22		vell core		No No	☐ Ye		
1,15								·····			ional Su	vcy?	No No	Ye Ye	s (Submit analysis) s (Submit analysis) s (Submit analysis)	
			ort all strings	set in w		Bottom	Stage Ce		No. of Sk	0.		37.3				
Hole Size	Size/C		Wt. (#/ft.)	(MD		(MD)	Dep		Type of Co		Slurry (BB		Cement '	Гор*	Amount Pulled	
24.000 12.250		<u>0 COND</u> 625 J-55			_0	40		40		-				0		
7.875		029 J-09 00 P-110			- 0	1025 7760		1006 7742		445 1615		111 465		0 720		
								7.1.72		1013	*(a== 1a	400		120	15000	
					_											
24. Tubing	Record			<u> </u>			L				Ц.,	·····		·		
	Depth Set (1		acker Depth	(MD)	Size	Depti	a Set (MD) P	acker Depth (MD)	Size	De	pth Set (M	D)	Packer Depth (MD)	
2.375 25. Produci	ng Intervals	5780		L		26.	Perforatio	n Reco	nl							
	ormation		Тор		Botto				Interval	T	Size	1	Vo. Holes	<u> </u>	Perf. Status	
<u>A)</u>	WAS			4308		298			4308 TO 6	298	0.34			OPE		
B)	MESAVI	RUE		6889	7	602			6889 TO 7	602	0.34	10	120	OPE	N	
D)										\dashv		+		-	***	
			ment Squeeze	Etc.												
	Depth Interv 43		298 WASAT	CH: SEE	TREAT	MENT ST	AGES 5 -		nount and Ty	pe of M	aterial					
			602 MESAVI				-				***					
	.,,					-										
28. Product	ion - Interval	A	· · · · · · · · · · · · · · · · · · ·				 									
Date First Produced	Test Date	Hours Tested	Test Production	BBL Oil	Gas MC		/ater BL	Oil Gra		Gas Gravity	1	Producti	on Method			
11/13/2011	11/15/2011	24		0.0		20.0	0.0			J			FLOV	S FRO	OM WELL	
Choke Size	Tog. Press. Flwg.	Cag. Press.	24 Hr. Rate	OR BBL	Gas MCl	B	later BL	Gas:Of Ratio		Well Sta	etus.					
36/64 28a. Produc	si tion - Interv	548.0 I B		0		620	0 504 gr	1	0	PC	∋W				The Conference of the Conferen	ئۇسىر ب
Date First	Test	Hours	Test	Oil	Gas		later.	Oil Gr		Gas	[1	Producti	on Method		See	
Produced	Date	Tested	Production	BBL	MCI	B	BL	Cott. A	PT.	Gravity				100		2
Choke Sizo	Tbg. Press. Flwg.	Cag. Press.	24 Hr. Rate	Oil BBL	Ges MCI		/ster BE.	Gas:Oi Ratio		Well Sta	etus			F	EUEIVED	
	SI									}					AAD 4 = 2012	

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #12874 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
*** OPERATOR-SUBMITTED *** OPERATOR-SUBMITTE

The second of th

zov. Pro	duction - Inter				<u> </u>						
e rest	Test Date	Hours Tested	Tost Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
oke e	Tog. Press. Flwg. SI	Cag. Press.	24 Hr. Rate	OR BBL	Gra MCF	Water BBL	Gas:Oil Ratio	Well Status			
8c. Pro	duction - Interv	ral D		<u> </u>	<u> </u>						
o First	Test	Hous	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
duced	Date	Tested	Production	BBL.	MCF	BBI.	Cort. API	Gravity	I POSICAÇÃO INCIDIA		
oke e	Tog. Press. Flwg. Si	Cag. Press.	24 Ffr. Rate	Oil BBL	Gas MCF	Water BBL	Gas;Off Ratio	Well Status	ell Status		
9. Dispe SOL	osition of Gas(D	Sold, used	for fuel, vent	ed, etc.)				<u> </u>			
0. Sum	mary of Porous	Zones (In	clude Aquife	rs):			·	1 21	. Formation (Log) Markers		
Show tests,	v all important	zones of n	orosity and e	ontents then	eof: Cored tool oper	intervals and a n, flowing and s	ll drill-stern shut-in pressures		. To Time (LOG) Maintes		
Formation			Тор	Bottom		Description	s, Contents, etc.		Name	Top Meas, Dep	
					-				WASATCH NORTH HORN DARK CANYON PRICE RIVER TD	2961 5112 6882 7186 7760	
Tubin for the	size was drille ng was set on e test data th	nd to TD. 12/09/20 at was tal	11 after the	nroduction	Suriece (casing to 5624	was set with gr I' then 7 7/8 tubing presure	out.		and the second s	
	enclosed attac		(1 C-11 · ·								
	ectrical/Mechan ndry Notice for					2. Geologic R	-			Directional Survey	
J. 13U	amaty 1401KC IO	r breigenig	and echent i	enneation		6. Core Analy	/S1S	7 Othe	r:		
	by certify that		Electro	nnic Suhmi	raion #125	1874 Verified b	y the BLM We RATION, sent	II Information		structions):	
	•										

The state of the s

Prickly Pear Unit Federal 9A-18D-12-15 Completion Report Continued*

44. ACID, F	4. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.) AMOUNT AND TYPE OF MATERIAL									
<u>Stage</u>	BBLS Slurry	lbs 30/50 White Sand								
1	458	64,000								
2	599	108,300								
3	786	131,000								
4	729	120,100								
5	1,099	140,100								
6	1,104	140,300								
7	1,159	148,100								
8	1,310	152,300								
9	924	100,200								

^{*}Depth intervals for frac information same as perforation record intervals.

Bill Barrett Corp.

Carbon County, UT [NAD27]
Prickly Pear NW 17 Pad
Prickly Pear UF 6-17D-12-15

Wellbore #1

Design: Wellbore #1

Standard Survey Report

18 July, 2011

Prickly Pear UF 6-17D-12-15



TVD

998.97

1092.88

1187.59

4177.50

7356.31

MD

999.00

1093.00

1188.00

4571.00

7760.00

Inc

0.200

4.200

4.700

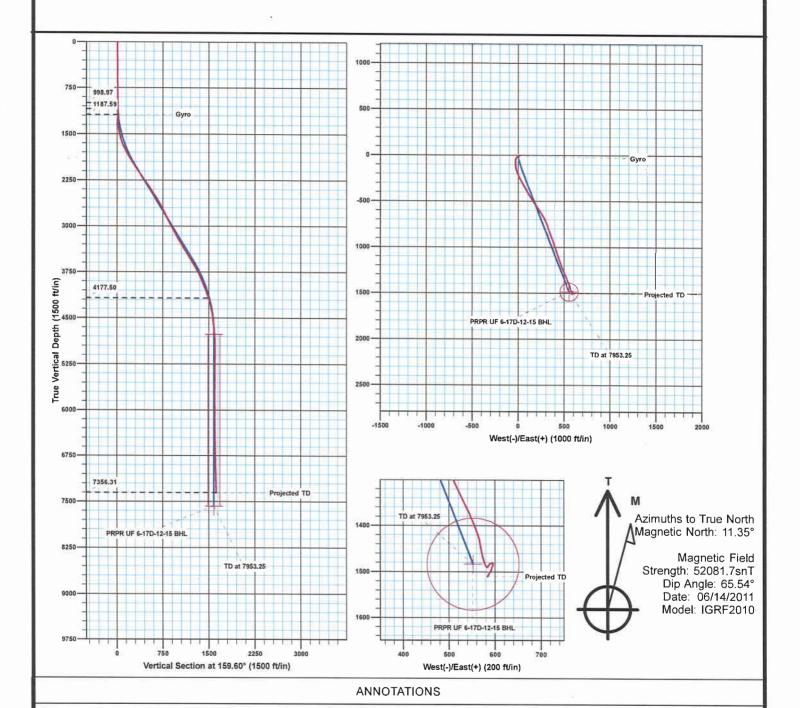
17.200

2.600

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7417.00

Northing Easting Latittude Longitude 0.00 0.00 529176.76 2347329.83 39° 46' 46.65 N 110° 15' 50.72 W





158.10 -1389.56

+N/-S

-5.45

-7.04

-10.56

+E/-W

1.58

-1.60

-8.05

550.66

582.89

VSect Departure

0.51

4.11

11.48

1533.19

5.66

6.04

7.09

1494.36

Annotation

As of July 15

Gyro

Gyro

Gyro

Azi

196.60

245.50

237.70

Sharewell

Survey Report

Company:

Bill Barrett Corp.

Project:

Carbon County, UT [NAD27]

Site: Well: Prickly Pear NW 17 Pad Prickly Pear UF 6-17D-12-15

Wellbore: Design:

Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference:

MD Reference: **North Reference:**

Database:

GL @ 7417.00ft

GL @ 7417.00ft

True

Survey Calculation Method:

Minimum Curvature

Compass VM

Project

Carbon County, UT [NAD27]

Map System: Geo Datum: Map Zone:

US State Plane 1927 (Exact solution)

NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Well Prickly Pear UF 6-17D-12-15

Site

Prickly Pear NW 17 Pad

Site Position: From:

Lat/Long

Northing:

529,194.10 usft

Latitude:

Longitude:

39° 46' 46.83 N 110° 15' 51.20 W

Position Uncertainty:

0.00 ft

Easting: Slot Radius: 2,347,292.50 usft 1.10 ft

Grid Convergence:

0.79°

Well

Prickly Pear UF 6-17D-12-15

Well Position

+N/-S +E/-W 0.00 ft 0.00 ft

Northing: Easting:

529,176.76 usft 2,347,329.84 usft Latitude: Longitude:

39° 46' 46.65 N 110° 15' 50.72 W

Position Uncertainty

0.00 ft

Wellhead Elevation:

ft

Ground Level:

7,417.00 ft

Wellbore

Wellbore #1

Magnetics

Model Name

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

IGRF2010

06/14/11

0.00

11.35

65.54

52,082

Design

Wellbore #1

Audit Notes: Version:

1.0

Phase:

ACTUAL

Tie On Depth:

0.00

Depth From (TVD)

Vertical Section:

(ft)

+N/-S (ft)

0.00

+E/-W (ft)

Direction (°)

0.00

159.60

Survey Program From

Date 07/18/11

(ft)

To (ft)

Survey (Wellbore)

Tool Name

Description

100.00 999.00

915.00 Gyro Surveys (Wellbore #1) 7,760.00 MWD Survey (Wellbore #1)

MWD MWD MWD - Standard MWD - Standard

Survey

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.420	106.86	100.00	-0.11	0.35	0.22	0.42	0.42	0.00
200.00	0.450	90.08	200.00	-0.21	1.09	0.58	0.13	0.03	-16.78
300.00	0.550	128.07	299.99	-0.51	1.86	1.13	0.34	0.10	37.99
400.00	0.450	140.37	399.99	-1.11	2.49	1.91	0.15	-0.10	12.30
500.00	0.290	149.34	499.99	-1.63	2.87	2.53	0.17	-0.16	8.97
600.00	0.510	170.28	599.98	-2.28	3.08	3.21	0.26	0.22	20.94
700.00	0.480	188.21	699.98	-3.14	3.09	4.02	0.16	-0.03	17.93
800.00	0.720	211.97	799.98	-4.09	2.70	4.77	0.34	0.24	23.76
900.00	0.590	225.82	899.97	-4.98	2.00	5.36	0.20	-0.13	13,85

Sharewell

Survey Report

Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27]
Prickly Pear NW 17 Pad

Well: Wellbore: Prickly Pear NW 17 Pad Prickly Pear UF 6-17D-12-15

vveilbore: Design: Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Database:

Well Prickly Pear UF 6-17D-12-15

GL @ 7417.00ft GL @ 7417.00ft

True

Minimum Curvature

Compass VM

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
915.00	0.490	228.55	914.97	-5.07	1.89	5.42	0.60	0.67	48.00
999.00	0.200	196.60	998.97	-5.45	1.58		0.69	-0.67	18.20
1,093.00	4.200	245.50	1,092.88	-5.45 -7.04		5.66	0.40	-0.35	-38.04
1,188.00	4.700				-1.60	6.04	4.33	4.26	52.02
1,168.00	6.000	237.70	1,187.59	-10.56	-8.05	7.09	0.83	0.53	-8.21
1,243.00	6.000	235.50	1,242.35	-13.39	-12.33	8.25	2.39	2.36	-4.00
1,338.00	8.700	213.20	1,336.58	-22.22	-20.36	13.73	4.08	2.84	-23.47
1,433.00	11.800	201.60	1,430.06	-37.27	-27.87	25.21	. 3.90	3.26	-12.21
1,528.00	15.600	188.60	1,522.37	-58.94	-33.36	43.61	5.12	4.00	-13.68
1,622.00	19.700	175.60	1,611.96	-87.26	-34.03	69.92	6.03	4.36	-13.83
1,717.00	24.700	171.80	1,699.89	-122.89	-29.97	104.73	5.47	5.26	-4.00
1,812.00	28.700	162.60	1,784.78	-164.34	-20.31	146.95	6.04	4.21	-9.68
1,907.00	30.900	157.10	1,867.23	-208.59	-3.99	194.11	3.69	2.32	-5.79
2,002.00	32.400	152.40	1,948.11	-253.63	17.30	243.75	3.04	1.58	-4.95
2,096.00	35.000	150.90	2,026.31	-299.51	42.08	295.39	2.90	2.77	-1.60
2,191.00	35,200	150.00	2,104.03	-347.03	69.02	349.32	0.58	0.21	-0.95
2,286.00	34.600	149.60	2,181.95	-394.01	96.36	402.88	0.68	-0.63	-0.42
2,381.00	35.500	149.30	2,751.33	-440.99	124.09	456.58	0.96	0.95	
2,476.00	34.700	146.90	2,337.45	-487.36	152.94	510.11	1.68		-0.32
2,571.00	33.900	146.20	2,415.93	-532.03	182.45	562.26	0.94	-0.84 -0.84	-2.53
2,667.00	33.800	145.40	2,495.65	-576.26	212.50	614.19	0.94	-0.10	-0.74 -0.83
2,762.00	31.600	147.80	2,575.60	-619.08	240.78	664.18	2.69		9.50
2,857.00	29.700	149.40	2,657.32	-660.40	266.02	711.71	2.09	-2.32	2.53
2,953.00	25.800	153.40	2,037.32	-699.57	287.49	711.71 755.91		-2.00	1.68
3,048.00	25,900	157.90	2,742.27 2,827.77	-699.57 -737.28	207.49 304.56	755.91 797.20	4.50 2.07	-4.06 0.11	4.17
3,143.00	27.200	161.70	2,027.77 2,912.76	-737.20 -777.12	304.56 319.18	797.20 839.64	2.07 2.25	0.11 1.37	4.74 4.00
0.000.00	00.000	450.55							
3,238.00	29.000	159.50	2,996.56	-819.31	334.07	884.37	2.19	1.89	-2.32
3,333.00	27.900	159.80	3,080.09	-861.74	349.81	929.63	1.17	-1.16	0.32
3,428.00	29.000	160.70	3,163.61	-904.34	365.09	974.88	1.24	1.16	0.95
3,523.00	30.100	160.50	3,246.25	-948.53	380.66	1,021.73	1.16	1.16	-0.21
3,619.00	30,900	161.00	3,328.97	-994.53	396.72	1,070.44	0.87	0.83	0.52
3,714.00	32.200	161.40	3,409.93	-1,041.58	412.73	1,120.13	1.39	1.37	0.42
3,809.00	31.900	161.30	3,490.45	-1,089.35	428.85	1,170.52	0.32	-0.32	-0.11
3,904.00	30.800	161.20	3,571.58	-1,136.15	444.74	1,219.92	1.16	-1.16	-0.11
4,000.00	30,100	160.10	3,654.34	-1,182.05	460.86	1,268.56	0.93	-0.73	-1.15
4,095.00	27,400	158.50	3,737.62	-1,224.80	476.98	1,314.25	2.96	-2.84	-1.68
4,190.00	24.700	156.10	3,822.96	-1,263.29	493.04	1,355.92	3.05	-2.84	-2.53
4,285.00	23.200	156.70	3,909.78	-1,298.63	508.48	1,394.43	1.60	-1.58	0.63
4,380.00	21.600	154.20	3,997.61	-1,331.56	523.49	1,430.53	1.96	-1.68	-2.63
4,476.00	19.800	153.90	4,087.41	-1,362.07	538.34	1,464.30	1.88	-1.88	-0.31
4,571.00	17.200	158.10	4,177.50	-1,389.56	550.66	1,494.36	3.07	-2.74	4.42
4,666.00	14.200	159.10	4,268.94	-1,413.49	560.06	1,520.06	. 2 17	3.16	1.05
4,761.00	11,300	169.70	4,266.94	-1,413.49 -1,433.53	565.88	1,520.06 1,540.88	3.17 3.91	-3.16	1.05
4,857.00	9.100	170.30	4,456.08	-1,450.27	568.84	1,557.60	2.29	-3.05 -2.29	11.16 0.63

Sharewell

Survey Report

Company:

Bill Barrett Corp.

Project: Site:

Carbon County, UT [NAD27] Prickly Pear NW 17 Pad

Well: Wellbore: Prickly Pear UF 6-17D-12-15 Wellbore #1

Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

GL @ 7417.00ft

GL @ 7417.00ft

MD Reference: North Reference:

True

Survey Calculation Method: Database:

Minimum Curvature

Well Prickly Pear UF 6-17D-12-15

Compass VM

S			
S			
		ЭΝ	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,952.00	6.700	164.40	4,550.17	-1,463.02	571.60	1,570.51	2.66	-2.53	-6.21
5,047.00	5.700	166.10	4,644.62	-1,472.94	574.22	1,580.72	1.07	-1.05	1.79
5,142.00	4.200	159.80	4,739.26	-1,480.78	576.55	1,588.88	1.68	-1.58	-6.63
5,237.00	2.800	145.70	4,834.08	-1,485.96	579,06	1,594.61	1.72	-1.47	-14.84
5,333.00	2.100	136.90	4,929.99	-1,489.18	581.59	1,598.51	0.83	-0.73	-9.17
5,428.00	1.100	33.40	5,024.97	-1,489.69	583.28	1,599.58	2.72	-1.05	-108.95
5,523.00	1.400	12.50	5,119.95	-1,487.80	584.03	1,598.07	0.57	0.32	-22.00
5,618.00	1.000	44.20	5,214.93	-1,486.07	584.86	1,596.74	0.80	-0.42	33,37
5,713.00	1.100	17.30	5,309.91	-1,484.61	585.71	1,595.66	0.52	0.11	-28.32
5,808.00	0.800	67.60	5,404.90	-1,483.48	586.59	1,594.92	0.90	-0.32	52.95
5,903.00	0.800	37.90	5,499.89	-1,482.71	587.61	1,594.54	0.43	0.00	-31.26
5,999.00	0.900	57.20	5,595.88	-1,481.77	588.66	1,594.03	0.31	0.10	20.10
6,094.00	0.800	69.90	5,690.87	-1,481.14	589.91	1,593.87	0.22	-0.11	13.37
6,189.00	0.400	64.10	5,785.86	-1,480.77	590.83	1,593.85	0.43	-0.42	-6.11
6,284.00	1.000	82.10	5,880.86	-1,480.51	591.95	1,593.99	0.67	0.63	18.95
6,380.00	0.900	95.90	5,976.84	-1,480.47	593.53	1,594.51	0.26	-0.10	14.38
6,475.00	0.400	67.90	6,071.84	-1,480.42	594.58	1,594.83	0.61	-0.53	-29.47
6,570.00	0.800	153.50	6,166.83	-1,480.89	595.18	1,595.48	0.91	0.42	90.11
6,665.00	0.800	202.80	6,261.83	-1,482.10	595.22	1,596.62	0.70	0.00	51.89
6,760.00	1.100	192.30	6,356.81	-1,483.60	594.77	1,597.87	0.36	0.32	-11.05
6,855.00	0.700	152.50	6,451.80	-1,485.00	594.84	1,599.22	0.76	-0.42	-41.89
6,950.00	0.800	217.80	6,546.79	-1,486.04	594.71	1,600.14	0.86	0.11	68.74
7,045.00	1.200	225.20	6,641.78	-1,487.27	593.59	1,600.90	0.44	0.42	7.79
7,140.00	1.400	187.30	6,736.76	-1,489.12	592.74	1,602.34	0.91	0.21	-39.89
7,235.00	1.800	195.90	6,831.72	-1,491.71	592.18	1,604.57	0.49	0.42	9.05
7,330.00	2.000	194.80	6,926.67	-1,494.74	591.35	1,607.13	0.21	0.21	-1.16
7,425.00	1.800	216.00	7,021.62	-1,497.55	590.05	1,609.31	0.76	-0.21	22.32
7,521.00	2.000	216.70	7,117.56	-1,500.12	588.16	1,611.05	0.21	0.21	0.73
7,616.00	3.000	210.30	7,212.47	-1,503.59	585.92	1,613.53	1.09	1.05	-6.74
7,710.00	2,600	204.00	7,306.36	-1,507.66	583.81	1,616.61	0.54	-0.43	-6.70
7,760.00	2.600	204.00	7,356.31	-1,509.73	582.89	1,618.23	0.00	0.00	0.00

Design Annotations Measured Depth (ft)	Vertical Depth (ft)		ordinates +E/-W (ft)	Comment
999.00	998.97	-5.45	1.58	Gyro
1,093.00	1,092.88	-7.04	-1.60	Gyro
1,188.00	1,187.59	-10.56	-8.05	Gyro
4,571.00	4,177.50	-1,389.56	550.66	As of July 15
7,760.00	7,356.31	-1,509.73	582.89	Projected TD

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROU'	TING
C	DW

	X - Change of Operator (Well Sold)		Operator Name Change/Merger								
	The operator of the well(s) listed below has chan	ged, eff	ective:	1/1/2014							
FF	ROM: (Old Operator):			TO: (New Operator):							
	165-Bill Barrett Corporation			N4040-EnerVest Operating, LLC							
•	99 18th Street, Suite 230			1001 Fannin Street, Suite 800							
	nver, CO 80202			Houston, TX 77002							
Pho	one: 1 (303) 312-8134			Phone: 1 (713) 659-3500							
	CA No.			Unit:	Prickly Pe	ar					
WE	ELL NAME	SEC T	WN RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL			
					NO		TYPE	STATUS			
See	Attached List				L	<u> </u>		1			
	PERATOR CHANGES DOCUMENT. ter date after each listed item is completed (R649-8-10) Sundry or legal documentation wa (R649-8-10) Sundry or legal documentation wa	s receiv	ed from the	-		1/7/2014 1/7/2014					
3.	The new company was checked on the Departs			•				1/28/2014			
4a.	Is the new operator registered in the State of U		Commerce	Business Numb		8850806-0161		1/20/2014			
	(R649-9-2)Waste Management Plan has been re		on: ———	Not Yet		000000000000000000000000000000000000000	•				
	Inspections of LA PA state/fee well sites compl			Yes	-						
	Reports current for Production/Disposition & S		on:	1/24/2014	•						
6.	Federal and Indian Lease Wells: The BL				: merger, na	me change.					
	or operator change for all wells listed on Federa				BLM		BIA	N/A			
7.	Federal and Indian Units:										
	The BLM or BIA has approved the successor	of unit	operator for	r wells listed on:		Not Yet					
8.	Federal and Indian Communization Ag		-			1100 1 00	•				
•	The BLM or BIA has approved the operator f		•	•		N/A					
9.	Underground Injection Control ("UIC"				orm 5 Tran		ity to				
٠.	Inject, for the enhanced/secondary recovery un	•		•			Yes				
DA	ATA ENTRY:	ii/projet	ot for the wa	ater disposar wer	n(s) nstea o		1 65	_			
1.	Changes entered in the Oil and Gas Database	on:		1/28/2014							
2.	Changes have been entered on the Monthly Op		Change Sp		•	1/28/2014					
3.	Bond information entered in RBDMS on:			1/28/2014							
4.	Fee/State wells attached to bond in RBDMS on	:		1/28/2014	•						
5.	Injection Projects to new operator in RBDMS of			1/28/2014							
6.	Receipt of Acceptance of Drilling Procedures for					1/7/2014					
	Surface Agreement Sundry from NEW operator	on Fee	Surface we	lls received on:		1/7/2014					
BC	OND VERIFICATION:										
1.	Federal well(s) covered by Bond Number:			RLB7886	•						
2.	Indian well(s) covered by Bond Number:			RLB7886							
3a.	(R649-3-1) The NEW operator of any state/fee			-		B008371					
3b.	The FORMER operator has requested a release	of liab	ility from th	neir bond on:	N/A						
Į,F	CASE INTEREST OWNER NOTIFIC	ATIO	N:								
	(R649-2-10) The NEW operator of the fee wells			and informed b	v a letter fro	om the Division					
	of their responsibility to notify all interest owner				1/28/2014	uic Divisioii					
	MMENTS:			-							

W-11 N	- C	THAT		Prickly Pear C		> 6' 1 x			XXX 11 (D)	TYY 11 C
Well Name	Sec		1	API Number	Entity	Mineral I	Lease	Surface Lease	Well Type	Well Status
PPU FED 11-23D-12-15	_	120S	150E	4300731440		Federal		Federal	GW	APD
PPU FED 4-26D-12-15	/	120S	150E	4300731441		Federal		Federal	GW	APD
PPU FED 14-23D-12-15	_	120S	150E	4300731442		Federal		Federal	GW	APD
PPU FED 12-23D-12-15		120S	150E	4300731443		Federal		Federal	GW	APD
PRICKLY PEAR U FED 12-7D-12-15	-	120S	150E			Federal		Federal	GW	APD
PRICKLY PEAR U FED 11-7D-12-15		120S	150E	4300750095		Federal		Federal	GW	APD
PRICKLY PEAR U FED 13-7D-12-15		120S	150E	4300750096		Federal		Federal	GW	APD
PRICKLY PEAR U FED 14-7D-12-15		120S	150E	4300750097		Federal		Federal	GW	APD
PRICKLY PEAR UF 11-8D-12-15	8	120S	150E	4300750124		Federal		Federal	GW	APD
PRICKLY PEAR UF 12-8D-12-15	8	120S	150E	4300750125		Federal		Federal	GW	APD
PRICKLY PEAR UF 13-8D-12-15	8	120S	150E	4300750126		Federal		Federal	GW	APD
PRICKLY PEAR UF 14-8D-12-15	8	120S	150E	4300750127		Federal		Federal	GW	APD
PRICKLY PEAR UF 9-21D-12-15		120S	150E	4300750128		Federal		Federal	GW	APD
PRICKLY PEAR UF 9A-21D-12-15			150E	4300750129		Federal		Federal	GW	APD
PRICKLY PEAR UF 10-21D-12-15		120S	150E	4300750130		Federal		Federal	GW	APD
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal		Federal	GW	APD
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal		Federal	GW	APD
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal		Federal	GW	APD
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal		Federal	GW	APD
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal		Federal	GW	APD
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal		Federal	GW	APD
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal		Federal	GW	APD
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal		Federal	GW	APD
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal		Federal	GW	APD
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal		Federal	GW	APD
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal		Federal	GW	APD
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal		Federal	GW	APD
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal		Federal	GW	APD
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal		Federal	GW	APD
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal		Federal	GW	APD
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal		Federal	GW	APD
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal		Federal	GW	APD
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal		Federal	GW	APD
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal		Federal	GW	APD
PRICKLY PEAR UF 3A-18D-12-15	7	120S	150E	4300750185		Federal		Federal	GW	APD
PRICKLY PEAR UF 4A-18D-12-15				4300750186	i	Federal		Federal	GW	APD
PRICKLY PEAR UF 11A-7D-12-15	7	120S	150E	4300750187		Federal		Federal	GW	APD
PRICKLY PEAR UF 2-18D-12-15			150E	4300750188		Federal		Federal	GW	APD
PRICKLY PEAR UF 12A-7D-12-15			150E	4300750189		Federal		Federal	GW	APD
PRICKLY PEAR UF 13A-7D-12-15			150E	4300750190		Federal		Federal	GW	APD
PRICKLY PEAR UF 14A-7D-12-15	-		150E	4300750191		Federal		Federal	GW	APD
PRICKLY PEAR FEDERAL 1-12D-12-14			140E	4300750205		Federal		Federal	GW	APD
PRICKLY PEAR UF 2-12D-12-14			140E	4300750206		Federal		Federal	GW	APD
PRICKLY PEAR UF 7-12D-12-14			140E	4300750207		Federal		Federal	GW	APD
PRICKLY PEAR UF 7A-12D-12-14			140E	4300750208		Federal		Federal	GW	APD
PRICKLY PEAR UF 8-12D-12-14			140E	4300750209		Federal		Federal	GW	APD
PRICKLY PEAR UF 4-7D-12-15			140E	4300750210		Federal		Federal	GW	APD
PRICKLY PEAR UF 5-7D-12-15			140E	4300750211		Federal	<u>-</u>		GW	APD
PRICKLY PEAR UF 8A-12D-12-14			140E	4300750211		Federal			GW	APD
PRICKLY PEAR UF 5A-7D-12-15			140E	4300750212		Federal			GW	APD
PRICKLY PEAR UF 7-14D-12-15			150E	4300750213		Federal		Federal	GW	APD
PRICKLY PEAR UF 7A-14D-12-15				4300750214		Federal		Federal	GW	APD
PRICKLY PEAR UF 9-14D-12-15				4300750217		Federal		Federal	GW	APD
PRICKLY PEAR UF 9A-14D-12-15			150E	4300750217		Federal		Federal	GW	APD
PRICKLY PEAR UF 10-14D-12-15			150E			Federal		****		APD
PRICKLY PEAR UF 10-14D-12-15				4300750219		Federal				
TRICKLI TEAK OF 10A-14D-12-13	14	1203	IOUE	4300/30220		reueral		Federal	GW	APD

Well Name	Coo TWN		API Number		Min and Lagar	Comfort I	W-11 T	337-11 C4-4
PRICKLY PEAR UF 15A-14D-12-15	14 120S	150E	4300750222	Entity	Mineral Lease Federal		Well Type GW	Well Status
PRICKLY PEAR UF 16-14D-12-15	14 120S	150E	4300750222		Federal	Federal	GW	APD APD
PRICKLY PEAR UF 16A-14D-12-15	14 120S	150E	4300750224		Federal	Federal	GW	+
PRICKLY PEAR UF 1A-18D-12-15	7 120S	150E	4300750225		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-18D-12-15	7 120S	150E	4300750226		Federal	Federal		APD
PRICKLY PEAR UF 9A-7D-12-15	7 120S	150E	4300730220			Federal	GW	APD
PRICKLY PEAR UF 10A-7D-12-15	7 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-7D-12-15	7 120S		4300750228		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-7D-12-15	 	150E	4300750229		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-12D-12-14	7 120S	150E	4300750230		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-12D-12-14	12 120S	140E	4300750233		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-12D-12-14	12 1208	140E	4300750234		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-12D-12-14 PRICKLY PEAR UF 12A-8D-12-15	12 120S	140E	4300750235		Federal	Federal	GW	APD
	8 120S	150E	4300750236		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-12D-12-14	12 120S	140E	4300750237		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-8D-12-15	8 120S	150E	4300750238		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-8D-12-15	8 120S	150E	4300750239		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-8D-12-15	8 120S	150E	4300750240		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-8D-12-15	8 120S	150E	4300750260		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-8D-12-15	8 120S	150E	4300750261		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-8D-12-15	8 120S	150E	4300750262		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-8D-12-15	8 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 2-8D-12-15	8 120S	150E	4300750264		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-8D-12-15	·	150E	4300750265		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-8D-12-15		150E	4300750266		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-8D-12-15	 	150E	4300750267		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-8D-12-15		150E	4300750268		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-8D-12-15	 	150E	4300750269	-	Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-8D-12-15		150E	4300750270		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-8D-12-15		150E	4300750271		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-8D-12-15		150E	4300750272		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-8D-12-15		150E	4300750273		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-9D-12-15		150E	4300750274		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-9D-12-15		150E	4300750275		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-9D-12-15		150E	4300750276		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-9D-12-15			4300750277		Federal	Federal		APD
PRICKLY PEAR UF 6A-9D-12-15			4300750278		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-9D-12-15		150E	4300750279		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-9D-12-15		150E	4300750280		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-9D-12-15		150E	4300750281		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-9D-12-15		150E	4300750282		Federal	Federal	GW	APD
PRICKLY PEAR US 1X-16D-12-15		150E	4300750283		State	Federal	GW	APD
PRICKLY PEAR UF 5A-15D-12-15		150E	4300750284		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-15D-12-15		150E	4300750285		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-15D-13-15		150E	4300750286		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-10D-12-15		150E	4300750287		Federal		GW	APD
PRICKLY PEAR UF 13-10D-12-15		150E	4300750288		Federal		GW	APD
PRICKLY PEAR UF 15-10D-12-15		150E	4300750289		Federal		GW	APD
PRICKLY PEAR UF 16A-10D-12-15	<u> </u>	150E	4300750290		Federal		GW	APD
PRICKLY PEAR UF 9-10D-12-15		150E	4300750291		Federal		GW	APD
PRICKLY PEAR UF 14A-10D-12-15		150E	4300750292				GW	APD
PRICKLY PEAR UF 10-10D-12-15		150E	4300750293		Federal		GW	APD
PRICKLY PEAR UF 16-10D-12-15	····		4300750294				GW	APD
PRICKLY PEAR UF 13-11D-12-15			4300750295					APD
PRICKLY PEAR UF 13A-11D-12-15			4300750296					APD
PRICKLY PEAR UF 12-11D-12-15			4300750297			Federal	GW	APD
PRICKLY PEAR UF 13A-10D-12-15	10 120S	150E	4300750298		Federal	Federal	GW	APD

PRICKLY PEAR UF 1-10-10-12-15	Well Name	Soc TWN		ADI Number		Minoral Lagra	Cumfa a a I a a a a	W-11 T	W-11 C4-4
PRICKLY PEAR UF 14-10-12-15			+					Well Type	Well Status
PRICKLY PEAR UF 3-10-12-15 10 1208 150E 430075002 Federal Federal GW APD			-						
PRICKLY PEAR UF 4-150-12-15 10 1208 150E 4300750302 Federal Federal GW APD								 	
PRICKLY PEAR UF 4-15D-12-15 10 120S 150E 4300750302 Federal Federal GW APD									
PRICKLY PEAR UF 4-10D-12-15 10 1208 150E 4300750304 Federal Federal GW APD									
PRICKLY PEAR LIF 9A-17D-12-15 17 1208 150E 4300750307 Federal Federal GW APD									
PRICKLY PEAR UF 9.A-170-12-15 17 120S 150E 4300750306 Federal Federal GW APD									
PRICKLY PEAR UF 8.A-17D-12-15					!				
PRICKLY PEAR UF 16A-17D-12-15						+	<u> </u>	+	
PRICKLY PEAR UF 3-70-12-15					!			1	
PRICKLY PEAR UF 16.A-17D-12-15						-			
PRICKLY PEAR UF 6-7D-12-15 PRICKLY PEAR UF 8-7D-12-15 PRICKLY PEAR UF 10-17-10-15 PRICKLY PEAR UF 10-17-10-15 PRICKLY PEAR UF 11-17-10-15 PRICKLY PEAR UF 11-17-10-15 PRICKLY PEAR UF 11-17-10-15 PRICKLY PEAR UF 10-17-10-15 PRICKLY PEAR UF 10			-					-	
PRICKLY PEAR UF 15A-17D-12-15						·	+		
PRICKLY PEAR UF A-7D-12-15			+				ļ	-	
PRICKLY PEAR UF 7A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF (SX-17D-12-15 PRICKLY PEAR UF 18A-17D-12-15 PRICKLY PEAR UF 19A-20D-12-15 PRICKLY PEAR U									
PRICKLY PEAR UF 8A-7D-12-15									
PRICKLY PEAR UF 11A-17D-12-15									
PRICKLY PEAR UF 11A-17D-12-15			1						
PRICKLY PEAR UF 15B-17D-12-15								4	
PRICKLY PEAR UF 8A-20D-12-15 20 120S 150E 4300750319 Federal Federal GW APD		-				1			
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PRICKLY PEAR UF 7-9D-12-15 9 120S 150E 4300750344 Federal Federal GW APD PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 2-9D-12-15 9 120S 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-24D-12-1 24 120S 150E 4300750348 Federal Federal GW APD PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 9A-9D-12-15 9 120S 150E 4300750196 147									
PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 2-9D-12-15 9 120S 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-24D-12-1 24 120S 150E 4300750348 Federal Federal GW APD PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR UF 1-24D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>Federal</td> <td></td> <td>GW</td> <td>APD</td>			-			Federal		GW	APD
PRICKLY PEAR UF 2-9D-12-15 9 120S 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-24D-12-1 24 120S 150E 4300750348 Federal Federal GW APD PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Federal</td> <td></td> <td></td> <td>APD</td>						Federal			APD
PRICKLY PEAR UF 1-24D-12-1 24 120S 150E 4300750348 Federal Federal GW APD PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS									
PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal GW OPS									APD
PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal GW OPS									APD
PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal GW OPS	PRICKLY PEAR UF 9-13D-12-15								
PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal GW OPS	PRICKLY PEAR U FED 7-21D-12-15								
PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS	PRICKLY PEAR US 1A-16D-12-15								
PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS	PRICKLY PEAR US 2A-16D-12-15						Federal	GW	OPS
PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS	PRICKLY PEAR US 2-16D-12-15						Federal	GW	OPS
	PRICKLY PEAR UF 9A-9D-12-15		150E	4300750196	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10A-9D-12-15 9 120S 150E 4300750198 14794 Federal Federal GW OPS	PRICKLY PEAR UF 10-9D-12-15	9 120S	150E	4300750197	14794	Federal	Federal	GW	OPS
	PRICKLY PEAR UF 10A-9D-12-15	9 120S	150E	4300750198	14794	Federal	Federal	GW	OPS

Well Name	G TUDI		ear Unit	3.61 1.7	G C T	*** 11 m	TTT 11 0
Well Name				Mineral Lease		Well Type	Well Status
PRICKLY PEAR UF 14-9D-12-15	9 1208	·	0199 14794		Federal	GW	OPS
PRICKLY PEAR UF 14A-9D-12-15	9 1208		0200 14794		Federal	GW	OPS
PRICKLY PEAR UF 15-9D-12-15	9 1208		0201 14794		Federal	GW	OPS
PRICKLY PEAR UF 15A-9D-12-15	9 1208		0203 14794	l	Federal	GW	OPS
PRICKLY PEAR UF 16A-9D-12-15	9 1208		0204 14794		Federal	GW	OPS
STONE CABIN FED 2-B-27	27 120S		0018 14794		Federal	GW	P
PRICKLY PEAR ST 16-15	16 120S		0522 14794		State	GW	P
PRICKLY PEAR UNIT 21-2	21 120S		0828 14794	<u></u>	Federal	GW	P
PRICKLY PEAR U ST 13-16	16 120S		0933 14794		State	GW	P
PRICKLY PEAR U ST 11-16	16 120S		0944 14794	State	State	GW	P
PRICKLY PEAR U ST 7-16	16 120S	150E 430073	0945 14794	State	State	GW	P
PRICKLY PEAR U FED 7-25	25 120S	150E 430073	0954 14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 36-06	36 120S	150E 430073	1018 14794	State	State	GW	P
PRICKLY PEAR U FED 13-23-12-15	23 120S	150E 430073	1073 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-27D-12-15	23 120S	150E 430073	1074 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-26D-12-15	23 120S	150E 430073	1075 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-22D-12-15	23 120S	150E 430073	1076 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-28D-12-15	21 120S	150E 430073	1121 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-21-12-15	21 120S	150E 430073	1164 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-21D-12-15	21 120S		1166 14794		Federal	GW	P
PRICKLY PEAR U FED 11-17D-12-15	17 120S		1184 14794	 	Federal	GW	P
PRICKLY PEAR U FED 7-22D-12-15	22 120S		1186 14794		Federal	GW	P
PRICKLY PEAR U FED 3-22-12-15	22 120S		1187 14794		Federal	GW	P
PRICKLY PEAR U FED 5-22D-12-15	22 120S		1188 14794		Federal	GW	P
PRICKLY PEAR 11-15D-12-15	22 120S		1189 14794	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 9-18D-12-15	18 120S		1192 14794	- 	Federal	GW	P
PRICKLY PEAR U FED 15-18-12-15	18 120S		1193 14794		Federal	GW	P
PRICKLY PEAR U FED 16-27D-12-15	27 120S		1194 15569		Federal	GW	P
PRICKLY PEAR U FED 12-27D-12-15	27 120S		1195 15568		Federal	GW	P
PRICKLY PEAR U FED 9-20D-12-15	20 120S		1193 13308		Federal	GW	P
PRICKLY PEAR U FED 7-20-12-15	20 120S		1197 14794		Federal	GW	P
PRICKLY PEAR U FED 1-20-12-15	20 120S		1206 14794		Federal		P
PRICKLY PEAR U ST 4-36-12-15	36 120S		1200 14794 1227 14794			GW	
PRICKLY PEAR U FED 4-27D-12-15	22 120S	150E 430073			State	GW	P
PRICKLY PEAR U FED 13-22-12-15					Federal	GW	P
		150E 430073			Federal	GW	P
PRICKLY PEAR U FED 3-27D-12-15		150E 430073			Federal	GW	P
PRICKLY PEAR U ST 9-16-12-15		150E 430073			State	GW	P
PRICKLY PEAR U FED 9-28D-12-15	28 120S	150E 430073			Federal	GW	P
PRICKLY PEAR U FED 5-27D-12-15			1242 14794	 	Federal	GW	P
PRICKLY PEAR U FED 1-28-12-15	28 120S		1243 14794		Federal	GW	P
PRICKLY PEAR U FED 8-28D-12-15	28 120S		1244 14794	 .	Federal	GW	P
PRICKLY PEAR U ST 1-16-12-15	16 120S		1245 14794		State	GW	P
PPU FED 11-18D-12-15			1257 14794	·	Federal	GW	P
PPU FED 11-20D-12-15			1258 14794		Federal	GW	P
PPU FED 4-25D-12-15			1259 14794	Federal	Federal	GW	P
PPU FED 12-25D-12-15			1260 16068	i	Federal	GW	P
PPU FED 14-26D-12-15	35 120S		1282 16224	Federal	Federal	GW	P
PPU FED 2-35-12-15	35 120S		283 14794	Federal	Federal	GW	P
PPU FED 10-26D-12-15	35 120S	150E 430073	284 14794	Federal	Federal	GW	P
PPU FED 9-17-12-15	17 120S	150E 430073	287 14794	Federal	Federal	GW	P
PPU FED 1-17D-12-15	17 120S	150E 430073	288 14794	Federal	Federal	GW	P
PPU FED 7-17D-12-15		150E 430073			Federal	GW	P
PPU FED 1-18D-12-15		150E 430073				GW	P
PPU FED 7-18D-12-15		150E 430073				GW	P
PPU FED 5-17D-12-15		150E 430073				GW	P
PPU FED 10-17D-12-15		150E 430073				GW	P
		, 120070	,				-

		Prickly Pear U					
Well Name	Sec TWN	RNG API Number	Entity Miner	al Lease	Surface Lease	Well Type	Well Status
PPU FED 8-17D-12-15	17 120S	150E 4300731308			Federal	GW	P
PPU FED 12-17D-12-15	17 120S	150E 4300731309	14794 Feder	al	Federal	GW	P
PPU FED 13-17D-12-15	17 120S	150E 4300731310	14794 Feder	al	Federal	GW	P
PPU FED 14-17D-12-15	17 120S	150E 4300731311	14794 Feder	al	Federal	GW	P
PPU FED 16-18D-12-15	17 120S	150E 4300731312	14794 Feder	al	Federal	GW	P
PPU FED 8-18D-12-15	18 120S	150E 4300731313	14794 Feder	al	Federal	GW	P
PPU FED 3-18D-12-15	18 120S	150E 4300731314			Federal	GW	P
PPU FED 4-18-12-15	18 120S	150E 4300731315			Federal	GW	P
PPU FED 5-18D-12-15	+	150E 4300731316			Federal	GW	P
PPU FED 6-18D-12-15		150E 4300731317			Federal	GW	P
PPU FED 16-17D-12-15	+ +	150E 4300731321			Federal	GW	P
PPU ST 15-16D-12-15	16 120S	150E 4300731322			State	GW	P
PPU ST 16-16D-12-15		150E 4300731323			State	GW	P
PPU ST 14-16D-12-15		150E 4300731324			State	GW	P
PPU FED 3-21D-12-15		150E 4300731328			Federal	GW	P
PPU FED 4-21D-12-15	21 120S	150E 4300731329		_	Federal	GW	P
PPU FED 13-15D-12-15	 	150E 4300731329 150E 4300731358			Federal	GW	P
PPU FED 14-15D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 4-22D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 6-22D-12-15	22 120S	150E 4300731361				GW	P
PPU FED 2-28D-12-15					Federal		P
PPU FED 16X-21D-12-15					Federal	GW	
The state of the s		150E 4300731363			Federal	GW	P
PPU FED 5A-27D-12-15		150E 4300731364			Federal	GW	P
PPU FED 1AA 18D 12-15	28 120S	150E 4300731368			Federal	GW	P
PPU FED 14A-18D-12-15	<u> </u>	150E 4300731393			Federal	GW	P
PPU FED 10-18D-12-15		150E 4300731394			Federal	GW	P
PPU FED 15A-18D-12-15		150E 4300731395			Federal	GW	P
PPU FED 16A-18D-12-15		150E 4300731396			Federal	GW	P
PPU FED 12-22D-12-15	·	150E 4300731398			Federal	GW	P
PPU FED 11-22D-12-15		150E 4300731399			Federal	GW	P
PPU FED 14-22D-12-15	·	150E 4300731400			Federal	GW	P
PPU FED 4A-27D-12-15		150E 4300731401			Federal	GW	P
PPU FED 11-21D-12-15		150E 4300731412			Federal	GW	P
PPU FED 6-21D-12-15		150E 4300731413			Federal	GW	P
PPU FED 12-21D-12-15	·	150E 4300731414			Federal	GW	P
PPU FED 8-20D-12-15		150E 4300731419			Federal	GW	P
PPU FED 1A-20D-12-15		150E 4300731420			Federal	GW	P
PPU FED 2-20D-12-15		150E 4300731421		il]	Federal	GW	P
PPU ST 7A-16D-12-15		150E 4300731422		!	State	GW	P
PPU ST 6-16D-12-15		150E 4300731423			State	GW	P
PPU ST 10A-16D-12-15		150E 4300731424			State	GW	P
PPU ST 3-16D-12-15	16 120S	150E 4300731425	14794 State		State	GW	P
PPU FED 5-21D-12-15	21 120S	150E 4300731451	14794 Federa	ıl [1	Federal	GW	P
PPU ST 8-16D-12-15	16 120S	150E 4300731455	14794 State		State	GW	P
PPU ST 12-16D-12-15	16 120S	150E 4300731456	14794 State			GW	P
PPU ST 12A-16D-12-15		150E 4300731457				GW	P
PPU ST 15A-16D-12-15		150E 4300731458				GW	P
PPU ST 10-16D-12-15		150E 4300731459				GW	P
PPU ST 11A-16D-12-15		150E 4300731460				GW	P
PPU ST 13A-16D-12-15	- i	150E 4300731461				GW	P
PPU FED 10-7D-12-15		150E 4300731470				GW	P
PPU FED 15-7D-12-15	 	150E 4300731471				GW	P
PPU FED 9-7D-12-15		150E 4300731471 1				GW	P
PPU FED 16-7D-12-15		150E 4300731472				GW	<u>г</u> Р
PPU ST 6A-16D-12-15		150E 4300731477				GW	P P
PPU ST 4-16D-12-15	·	150E 4300731477					
110014-100-12-13	10 1205	130E 4300/314/8	14/94 State		State	GW	P

			y Pear Unit				
Well Name	Sec TWN	RNG API N	lumber Entit	y Mineral Lease	Surface Lease	Well Type	Well Status
PPU ST 4A-16D-12-15	16 120S	·	731479 1479		State	GW	P
PPU ST 5A-16D-12-15	16 120S		731480 1479		State	GW	P
PPU ST 3A-16D-12-15	16 120S		731481 1479		State	GW	P
PPU ST 16A-16D-12-15	16 120S		731484 1479		State	GW	P
PPU ST 9A-16D-12-15	16 120S		731485 1479		State	GW	P
PPU ST 16B-16D-12-15	16 120S		731514 1479		State	GW	P
PPU ST 14B-16D-12-15	16 120S	150E 4300	731515 1479	94 State	State	GW	P
PPU ST 13B-16D-12-15	16 120S	150E 4300	731516 1479	94 State	State	GW	P
PRICKLY PEAR U FED 9-22D-12-15	22 120S		750041 1479		Federal	GW	P
PRICKLY PEAR U FED 10-22D-12-15	22 120S	150E 4300	750042 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-22D-12-15	22 120S	150E 4300	750043 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-27D-12-15	22 120S	150E 4300	750044 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-15D-12-15	15 120S	150E 4300	750045 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 15-15D-12-15	15 120S	150E 4300	750046 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 10-15D-12-15	15 120S	150E 4300	750047 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 9-15D-12-15	15 120S	150E 4300	750048 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-15D-12-15	15 120S	150E 4300	750049 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 1-21D-12-15	21 120S	150E 4300°	750050 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-21D-12-15	21 120S	150E 4300°	750051 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2A-21D-12-15	21 120S	150E 4300°	750052 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-22D-12-15	21 120S	150E 4300°	750053 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-22D-12-15	21 120S	150E 4300°	750054 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-21D-12-15	21 120S	150E 4300°	750056 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8-21D-12-15	21 120S	150E 4300°	750057 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8A-21D-12-15	21 120S		750058 1479		Federal	GW	P
PRICKLY PEAR U FED 16-8D-12-15	8 120S		750059 1479		Federal	GW	P
PRICKLY PEAR U FED 15-8D-12-15			750060 1479		Federal	GW	P
PRICKLY PEAR U FED 2-17D-12-15			750061 1479		Federal	GW	P
PRICKLY PEAR U FED 1A-17D-12-15			750062 1479		Federal	GW	P
PRICKLY PEAR U FED 1-22D-12-15			750076 1479		Federal	GW	P
PRICKLY PEAR U FED 2-22D-12-15			750077 1479		Federal	GW	P
PRICKLY PEAR U FED 8-22D-12-15			750078 1479		Federal	GW	P
PRICKLY PEAR U FED 3-17D-12-15			750079 1479	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 3A-17D-12-15			750080 1479		Federal	GW	P
			750081 1479			GW	P
PRICKLY PEAR U FED 4A-17D-12-15			750082 1479		Federal	GW	P
PRICKLY PEAR U FED 5A-17D-12-15			750083 1479			GW	P
PRICKLY PEAR U FED 6-17D-12-15			750084 1479			GW	P
PRICKLY PEAR U FED 6A-17D-12-15			750085 1479		Federal	GW	P
PRICKLY PEAR U FED 7A-17D-12-15			750086 1479		Federal	GW	P
PRICKLY PEAR U FED 9-12D-12-14			750088 1479		Federal	GW	P
PRICKLY PEAR U FED 10-12D-12-14			750089 1479				P
PRICKLY PEAR U FED 15-12D-12-14			750090 1479				P
PRICKLY PEAR U FED 16-12D-12-14			750091 1479				P
PRICKLY PEAR U FED 3-20D-12-15			750098 1479			GW	P
PRICKLY PEAR U FED 3A-20D-12-15			750098 1479 750099 1479				P .
PRICKLY PEAR U FED 4-20D-12-15			750100 1479				P P
PRICKLY PEAR U FED 4A-20D-12-15			750100 1479 750101 1479				<u>P</u>
PRICKLY PEAR U FED 5-20D-12-15			750101 1479 750102 1479				P I
PRICKLY PEAR U FED 5A-20D-12-15			750102 1479 750103 1479				P
PRICKLY PEAR U FED 6-20D-12-15			50103 1479 50104 1479				<u>Р</u> Р
PRICKLY PEAR U FED 6A-20D-12-15			50104 1479 50105 1479				
PRICKLY PEAR U FED 11A-20D-12-15			50105 1479 50106 1479	_ t			P
PRICKLY PEAR U FED 12A-20D-12-15			50106 1479				P
PRICKLY PEAR U FED 13A-17D-12-15							P
PRICKLY PEAR UF 7A-18D-12-15			50108 1479				P
I MICKL I FEAR OF /A-18D-12-13	17 120S	130E 43007	50136 1479	+ rederal	Federal_	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014 Prickly Pear Unit

Well Name PRICKLY PEAR UF 8A-18D-12-15	Sec TWN	DNG			1			
DDICKLY DEAD HE GA 10D 12 15	500 1 1111	KNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
	17 120S	150E	4300750137	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9A-18D-12-15	17 120S	150E	4300750138	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-20D-12-15	20 120S	150E	4300750139	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16A-8D-12-15	8 120S	150E	4300750140	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 15A-8D-12-15	8 120S	150E	4300750141	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13A-9D-12-15	8 120S	150E	4300750142	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13-9D-12-15	8 120S	150E	4300750143	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-9D-12-15	8 120S	150E	4300750144	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 10-8D-12-15	8 120S	150E	4300750145	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-8D-12-15	8 120S	150E	4300750146	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-17D-12-15	8 120S	150E	4300750147	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 1A-22D-12-15	22 120S	150E	4300750171	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-22D-12-15	22 120S	150E	4300750172	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 6A-22D-12-15	22 120S	150E	4300750173	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-22D-12-15	22 120S	150E	4300750174	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8A-22D-12-15	22 120S	150E	4300750175	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 14B-15D-12-15	22 120S	150E	4300750176	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-9D-12-15	9 120S	150E	4300750195	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16-9D-12-15	9 120S	150E	4300750202	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8-14D-12-15	14 120S	150E	4300750216	18289	Federal	Federal	GW	P
PRICKLY PEAR UF 15-14D-12-15	14 120S	150E	4300750221	18290	Federal	Federal	GW	P
PRICKLY PEAR U ST 5-16	16 120S	150E	4300730943	14794	State	State	GW	S
PRICKLY PEAR U FED 7-28D-12-15	21 120S	150E	4300731165	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 15-17-12-15	17 120S	150E	4300731183	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 10-27-12-15	27 120S	150E	4300731196	15570	Federal	Federal	GW	S
PPU FED 4-35D-12-15	35 120S	150E	4300731285	16223	Federal	Federal	GW	S
PRICKLY PEAR U FED 12A-17D-12-15	17 120S	150E	4300750087	14794	Federal	Federal	GW	S

STATE OF UTAHDEPARTMENT OF NATURAL RESOURCES

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DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)				
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:				
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:				
2. NAME OF OPERATOR:	(see attached well list) 9. API NUMBER:				
ENERVEST OPERATING, LLC					
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 PHONE NUMBER: (713) 659-3500	10. FIELD AND POOL, OR WILDCAT:				
4. LOCATION OF WELL					
FOOTAGES AT SURFACE: (see attached well list)	COUNTY:				
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH				
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA				
TYPE OF SUBMISSION TYPE OF ACTION	[]				
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION				
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON				
1/1/2014 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR				
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE				
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL				
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF				
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:				
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION					
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BILL BASEFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADENEVEST Operating, L.L.C. 1001 Fannin, Suite 800 Houston, Texas 77002 713-659-3500 (BLM BOND # PLB 1884), STATE/FEE BOND # B 15832/	THE WELLS LISTED ON THE				
(SEM BOND II, OINTEN EE BOND II					
BILL BARRETT CORPORATION ENERVEST OPERAT	ING, LLC				
Duane ZavadiAME (PLEASE PRINT) ROWNE LYOU	NAME (PLEASE PRINT)				
Non 2012 SIGNATURE Tonne L. La	SIGNATURE				
Senior Vice President - DIRECTOR - REGUL	ATORY				
DONNIE VOLING DIDECTOR DE	CHIATORY				
NAME (PLEASE PRINT) RONNIE TOUNG TITLE DIRECTOR - RE	COLATORI				
SIGNATURE DATE 12/10/2013					
(This space for State use on APPROVED	RECEIVED				
JAN 2 8 2013 4-RE	JAN 07 2014				
	U. 11. U ■ LUII				

DU OIL GAS & MINING OF O

Well Name	Sec	TWN	RNG	API Number	Entity Lease	Well T	ype Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	'	4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S		4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443	Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S		4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S		4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S		4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S		4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S		4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S		4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S		4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S		4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S		4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S		4300750133	Federal .	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S		4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S		4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E 4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E 4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E 4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E 4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S		Federal	GW	APD	PRICKLY PEAR
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PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750194	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750190	14794 Federal	GW	OPS	PRICKLY PEAR
	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15					GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW	OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal		OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW		
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E 4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	7030 Federal	GW	. P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	\mathbf{P}_{\perp}	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	·
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E 4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731313	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĞW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15				14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750060		GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW GW	r P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E 4300750062	14794 Federal	GW	P	PETERS POINT
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750063	2470 Federal		r P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW		PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E 4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068	18204 Federal	GW	P	DETERG BOINT
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P -	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR Ú FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	
1 E (E)(O) (O)(1) O) (O)(E) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	52	1505	2302 .200.2101	—	-		

PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20.	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR